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Muskegon, Mich. Board of Trade,

Muskegon and its resources.

Sketches of Muskegon county; its
soil, climate and agricultural
productions--city of Muskegon;
its material growth and resources,
manufacturing and commercial
interests...

W. M. Harford

MUSKEGON

AND

ITS RESOURCES.

SKETCHES OF MUSKEGON COUNTY; ITS SOIL, CLIMATE, AND AGRICULTURAL PRODUCTIONS—CITY OF MUSKEGON; ITS MATERIAL GROWTH AND RESOURCES, MANUFACTURING AND COMMERCIAL INTERESTS, ITS SCENERY, AND ADVANTAGES AS A PLACE FOR RESIDENCE AND BUSINESS SUPPLEMENTED WITH SHORT SKETCHES OF LEADING BUSINESS HOUSES AND FIRMS.

ISSUED UNDER THE AUSPICES
OF THE
MUSKEGON BOARD OF TRADE.

APRIL, 1884.

W. M. HARFORD, EDITOR.

ILLUSTRATED.

MUSKEGON, MICH.
HARFORD & LATIMER, PUBLISHERS.

1884

WORDEN'S,

CORNER OF WESTERN AVENUE AND JEFFERSON ST.

You will See the Largest and Best Stock of

DRY GOODS

IN THE CITY, AND AT THE

LOWEST CASH PRICES.

WHEN WE BUY GOODS, WE PAY CASH FOR THEM AND WE
SELL FOR CASH ONLY; HENCE OUR

ADVANTAGES OVER OTHER DEALERS

**Before You Purchase any Dry Goods, Visit
OUR STORE**

AND GET OUR PRICES.

ERNEST A. WORDEN,

Corner Western Avenue and Jefferson St.,

MUSKEGON,

MICHIGAN.

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M A P
Showing Voting Precincts,
or Supervisor Districts,
CITY OF MUSKEGON,
MICHIGAN.
1884.

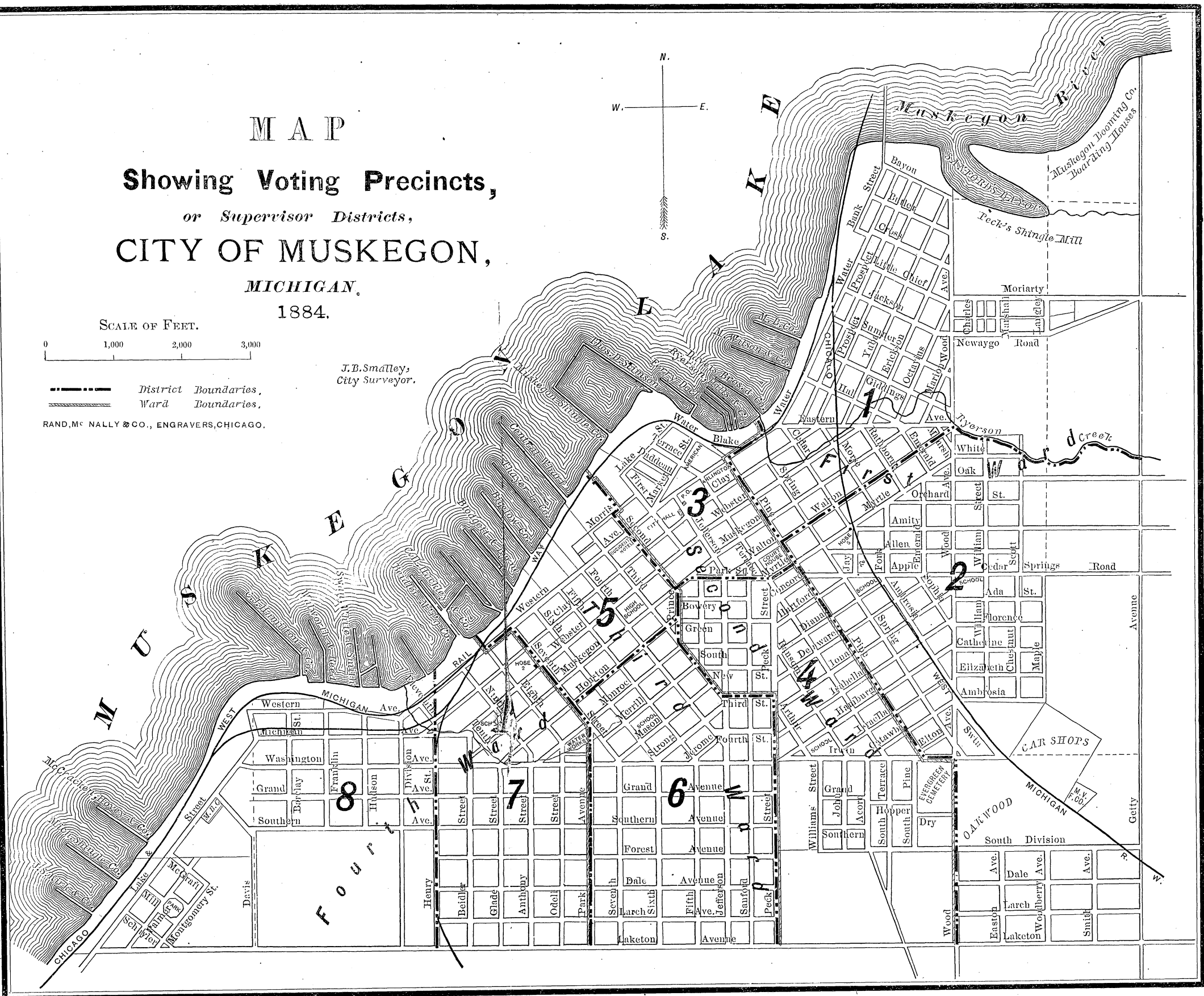
SCALE OF FEET.

0 1,000 2,000 3,000

--- District Boundaries,
--- Ward Boundaries.

RAND, McNALLY & CO., ENGRAVERS, CHICAGO.

J. B. Smalley,
City Surveyor.



BY-LAWS

MUSKEGON BOARD OF TRADE.

PREAMBLE.

We the undersigned citizens of Muskegon, Michigan, desiring to advance, promote and protect the manufacturing industrial interests of our city and vicinity, to inculcate just and equitable principles of trade, establish and maintain uniformity in commercial usages, acquire, preserve and disseminate valuable information, do hereby form an association to be known as the Board of Trade, of the City of Muskegon, Michigan, and to be governed by the following rules and regulations:

MEMBERSHIP.

Any person may become a member of this association whose name shall be proposed by any member in good standing, at any regular meeting of the association, by the affirmative vote of three-fourths of all members present at such meeting, by signing the rules and regulations governing the association, and paying to the Treasurer his membership fee.

EXPULSION AND SUSPENSION.

The name of any member of this association may be suspended or stricken from the roll of membership for cause stated, by a majority vote of the members present at any regular meeting of the association.

ELECTION OF OFFICERS.

The election of officers shall hereafter take place at the annual

meeting to be held on the second Monday in January of each year. Should the election for any cause not be held on that day, or, if the balloting should not result in the election of officers of the association on said day, such election shall be held on a subsequent day, such day to be determined by the Board of Directors, and notice given by publication for one week in one or more of the daily papers published in the city of Muskegon. A majority of all votes cast at such election shall be necessary to a choice.

TERM OF OFFICE.

The term of office of all officers of the association shall begin with the first regular meeting after their election, and continue until the first regular meeting after the first annual meeting after their election, and until their successors are elected and qualified.

ELECTIONS.

All elections for officers and members and all votes upon expulsion or suspension of members shall be by ballot, unless otherwise ordered by unanimous consent.

VACANCIES.

Vacancies in office or in committees, shall be filled by the Board of Directors, subject to the approval of the association at the next regular meeting.

OFFICERS.

The officers of the association shall consist of a president, 1st, 2nd and 3d vice president, treasurer, secretary and a board of directors, which board shall consist of the president, vice presidents and fifteen other members of the association.

DUTIES OF OFFICERS.

The president, vice presidents, treasurer and secretary shall perform the duties usually appertaining to their respective offices. The president and secretary shall be ex-officio members of all committees, and the president shall approve all bills or orders that have been endorsed by the secretary, before they shall be paid by the treasurer.

DUTIES OF THE TREASURER.

The treasurer shall receive and account for all money received by the association, shall pay all bills, orders and vouchers drawn on him which have been approved by the president and countersigned by the secretary, shall collect all membership fees, and quarterly or other dues, receipting therefor, shall make a full report at the end of each quarter of all money received by him, and from what account, the amount paid out and for what purpose, the balance now on hand, and if any of the members are delinquent, and the length of time such payment has been due, and shall report fully the financial condition of the association.

DUTIES OF SECRETARY.

In addition to the ordinary duties of the Secretary, he shall gather and compile statistics of trade and manufacturing in the city, and of its business, annually, of the wants and needs of the association, and the city; shall prepare and distribute advertising matter descriptive of the city and its surroundings, of its advantages as a manufacturing and railroad center; open and continue correspondence with Boards of Trade and Commerce in other cities, and with manufacturing houses and companies; and do all that may be honorably done to direct and hold the attention of those looking for a location for manufacturing, mercantile or other business, and secure such location to the city if possible; shall carefully investigate the railroad and shipping lines leading into and through the city, and watch closely the freight and passenger rates as compared with competing points, and if any discrimination is found to exist, or any irregularity, shall report the same to the Board of Directors, and shall investigate any complaint in this or other railroad and shipping business, and take active means to secure and protect the interests of the city; shall investigate and watch closely all legislation, both city, state and nation, directly affecting the interests of the city, and take such steps, and make such suggestions and recommendations as may to him seem best; shall call the attention of the Board of Directors to any public improvement necessary to beautify, and render desirable this city as a place of residence, or to add to its facilities for the transaction of business, with the probable cost and benefit of such improve-

ment and shall make a full report of the work done by the association at each annual meeting.

DUTIES OF DIRECTORS.

The board of directors shall hold regular meetings on Saturday of each week. A majority of the board shall constitute a quorum. They shall have general charge and management of the affairs of the association, except as otherwise provided, and shall make a full written report to the association at their annual meeting of all their doings. They shall appoint such committees as they may think necessary to further the interests of the association, subject to the approval of the association at their next regular meeting. Committees so appointed shall make a written report to the board of directors of their acts at each regular meeting after their appointment, and during the time they act as such committee, and until they are discharged. Such report may be referred by the board of directors to the association at any regular meeting, or special meeting called for this purpose. The board of directors shall fix the compensation of the secretary, and of any employee of the association.

BOOKS OF THE ASSOCIATION.

All books, papers and records of the association and of committees shall at all times be subject to the order of the board of directors for their information or inspection.

DUES.

An annual fee of \$20 shall be paid by each member. Five dollars shall be paid at the time of becoming a member of the association for the current quarter and five dollars at the beginning of each three months thereafter as regular quarterly dues. No further assessment shall be made without the written recommendation of the board of directors and approved by the association.

NON-PAYMENT OF DUES.

Any member failing to pay his dues for the period of one month after the same has become due, shall thereby forfeit the privilege of membership until such time as he shall be reinstated by the board of directors.

MEETINGS.

Regular meetings of the association shall be held on the first Monday of each month, and special meetings may be called at any time by the president or board of directors, and when the written request signed by ten members of the association is presented to the board of directors, stating fully the object, a special meeting shall be called for the transaction only of such business as shall be set out in the call for such meeting.

ORDER OF BUSINESS.

1. Reading of the minutes.
2. Report of committees and officers.
3. Unfinished business.
4. New business.
5. Election of members.
6. Election of officers.
7. Adjournment.

AMENDMENTS.

Proposed amendments to these rules shall be submitted in writing and referred to a committee, or to the board of directors, who shall report their conclusions to the next regular meeting of the association, and if a majority of the members present vote for the amendment proposed, it shall be adopted and become a part of these rules.

MEMBERSHIP.

The board, however, may admit one representative of each newspaper published in the city to membership without the payment of the regular membership fee, by unanimous vote at any regular meeting.

INTRODUCTION.

The demand for some publication setting forth the advantages of Muskegon county, and especially of the city of Muskegon in an appropriate manner, has long been recognized, and several efforts have been made to meet this demand, but heretofore nothing has been presented to the public that has made a showing commensurate with the deserts of the locality. The recent awakening on the question of the growth and future prospects of the city, and the very generally expressed desire on the part of the business men to have something done that would advertise extensively throughout the country the wonderful resources of this section, and the unprecedented opportunities offered here for the location of almost all kinds of manufacturing enterprises, have called forth this publication. The aim has been to make a fair and candid statement of the condition and resources of the county and city, and we think that personal inspection will convince the most skeptical that the actual facts have oftener been underestimated than transcended, and that much more may truthfully be said of the advantages of this part of Michigan. It is hoped that our publication may make more generally known and appreciated the merits of a section that is worthy of a wider fame than it has heretofore enjoyed.

W. M. HARFORD, }
E. S. LATIMER, } Publishers.

MUSKEGON COUNTY.

A glance at the map of Michigan will furnish the inquirer with many reasons for the marvelous prosperity of this section of the country. He will observe that Muskegon county borders on Lake Michigan, the second in size of the great chain of inland lakes, and whose shores are dotted everywhere with prosperous cities and villages; he will see that she lies near the outlet into this great lake of three of the longest and largest rivers of Michigan, two of which flow directly through the county; and that she contains within her borders one of the largest and several of the most beautiful inland lakes in a state that is especially noted for the number and beauty of her inland waters; added to this, her position almost midway between the northern and southern extremes of Lake Michigan, and he will see that her natural position and surroundings are eminently conducive to prosperity, and that nature destined her to become one of the most important counties in the great and prosperous state of which she forms a part. To her favored geographical location and her geological formation are due both the birth and life of the two great industries that have made Muskegon county one of the wealthiest portions of the state—the lumber interest and fruit growing; and the one that is destined in the near future to largely increase her present prosperity—salt making. The Muskegon and White rivers, extending as they do so far into the interior of the state, draining thousands of square miles of territory and forming cheap and ample transportation, have laid at the feet of the people of Muskegon county the products of the grandest forests of Michigan, and have added millions to their wealth, and will continue to do so for years to come. The recently demonstrated fact that the county forms a part of the great salt deposit of the state is now opening-up a new era of prosperity, and before

long salt making will be one of the chief industries of the people. In the eastern part of the county the soil is generally a rich loam or clay, and is admirably adapted to the various branches of general agriculture, while the sandy coast district, with its warm light soil and protected by Lake Michigan from frosts and the rigors of winter, is one of the grandest fruit districts in the world, and is rapidly assuming the importance it deserves as its advantages become more fully known from actual experiment.

POMOLOGICAL AND HORTICULTURAL.

Muskegon county has acquired a wide reputation in the last few years as a successful fruit district, and the extent of the territory devoted to the production of fruits has rapidly increased, and those engaged in the business have generally found their efforts well rewarded. Of course in this section, as well as all others, there are some drawbacks that the pomologist must encounter, but we venture to say that there are very few sections of the United States, where they are so few or so easily overcome. This county is located near the middle of the famous fruit belt of Michigan and, owing to its peculiar geographical position with reference to Lake Michigan, it generally has a higher temperature in winter and lower in summer than points both farther north and farther south.

Apples, pears, peaches, plums, grapes, and almost all kinds of small fruits and berries are grown successfully and in great abundance in this county. It is estimated that there are at least 400 acres of strawberries, alone, under cultivation within a radius of five miles about the city of Muskegon. The annual shipment of berries from the county runs from ten to fifteen thousand bushels. In 1881 the apple crop was 20,972 bushels, while the peach crop is annually from three to eight thousand bushels and the grape crop aggregates hundreds of tons. Some of the fruit farms and vineyards of the county are worth traveling miles to see during the summer season. The following extracts from an article by the late S. B. Peck, who was one of our best authorities on horticulture, will give the reader a good idea of the adaptability of our soils and climate to fruit raising. He says:

“Now it is understood that what makes Michigan such a noted

fruit state, and that which makes our lake shore the noted peach belt of the north, is simply the fact of the different capacities of land and water to receive and retain the heat supplied by the sun, coupled with the fact that our prevailing west winds bring these advantages directly to our doors; and it is now also known that such a country as our forefathers longed for—a smooth, level plain of vast extent—would in the same latitude be rigorous beyond endurance.”

GRAPES.

I wish it to be here understood that I speak specially of the six towns of Norton, Lakeside, Muskegon, Laketon, Fruitland and Dalton. I know little of the rest of Muskegon county, except what some one tells me. We have here in the towns mentioned all the soils that can be described, except a barren one. No soils are best adapted to all plants. Our sandy soils are well adapted to the production of perfect grapes, as is shown most conclusively by the Moulton farm, Maffitt & Dawes' and R. P. Easton's vineyards, and many others here, besides several in the vicinity of Lake Harbor and points further north. Grapes require for their greatest perfection a dry, deep soil, and they do best in the hottest and driest seasons; and I think they have never shown symptoms of disease that could not be accounted for by overcrowding of vines, excessive fruiting, drippings from trees or buildings, too much shade or a confined atmosphere—all of which mishaps we can avoid.

There is additional evidence in favor of the adaptability of our soil and climate to the production of the grape in the fact that at the meeting of the American Pomological Society in 1881, at Boston, where were represented all the northern states and a portion of Canada, the ten varieties of grapes from Muskegon county, which our president Lyon says were the best of their kinds on exhibition, were grown on the dry sandy soil of the city of Muskegon. Further significance is added by the fact that eight of these ten varieties originated in Salem, some fifteen miles from Boston, where these kinds might naturally be expected to be in their element. The Iona grape, everywhere admitted to be of a superior flavor as well as extremely tender and fickle, though amenable here to the latter charges unless winter

protected, often gives splendid crops without it, and is never a total failure. This grape, which we are certainly able to tolerate here, has in many popular grape growing districts been dug up and burned on account of its tenderness and liability to disease.

THE STRAWBERRY.

Among the fruits raised with success within the territory here mentioned the strawberry is perhaps the most prominent. And here on our light sandy soil, with proper treatment, I venture to say, it cannot be beaten in the money returns it will give per acre. The Wilson still remains the most prominent variety. Other larger, more showy and sweeter kinds may yet succeed in superceding it, and I would not throw an obstacle in the way of their success, but would give them all the encouragement in my power. The Wilson seems peculiarly adapted to our sandy soils; the finest patches I ever saw had simply clean culture without manure. An amateur fruit man coming here from the celebrated Knox strawberry farm at Pittsburg, a few years since, said on viewing an acre here in the city, "I never saw its equal there." This patch yielded that season over three hundred dollars, sold at wholesale to dealers here, from a trifle over one acre, notwithstanding many bushels rotted on the vines, caused by excessive rains. At the second picking one plant without going five steps to make a selection, yielded over 150 ripe berries. A citizen of this township says in answer to my questions: "I have four acres in strawberries, mostly Wilsons; they give me an average of over one hundred dollars net per acre!" His experience dates back several years.

PEACHES.

Perhaps no fruit is at this time attracting more attention in this state than the peach, and none offers greater inducement for its culture where the topography of the country is such as to warrant success. No fruit, barring the apricot and nectarine, (which are comparatively of little account) is so susceptible to its immediate surroundings.

Geographically we are here near enough to the center of the peach belt, and there can hardly be a question, but we have in

the territory mentioned some as fine points for this fruit as there are on this shore; and it is not the fault of our soil or climate that attempts have been made to force this fruit at points not congenial to it. Many of the best points here have been thus far untouched, but still remain in all the hideous deformity in which the lumberman left them; but any well chosen localities that have been tried here with proper skill have done as well here, so far as I can see and learn, as at any other point.

PLUMS AND CHERRIES.

Plums do as well here as anywhere if judicious means are used to destroy the curculio; they do well on any dry soil, but the trees seem to be longer lived where there is some clay. Cherries are at home here and so are the birds that eat them, and the only reason why cherries are not more plentiful is that we have not trees enough to supply the birds and ourselves, but have too many birds to a cherry. The only remedy is more cherry trees. Blackberries and Raspberries have generally paid well; they require, however, for maximum crops more moisture in the soil than grapes and peaches.

APPLES AND PEARS.

Lastly apples and pears; they perhaps depend more on soil ingredients for full success than any other fruits we raise. They both seem to do best where there is some clay or other hardpan within reach of their roots. I am not aware that the pear has ever suffered much here from the devastating diseases to which it seems to be especially liable in so many places. The great scourge of the apple, the larvæ of the coddling moth, is in our cities and villages almost a bar to any attempt to raise this most important fruit in our gardens or their immediate neighborhood. Outside, the insect is not so bad, for the very plain reason that whoever has any apples for market employs one of the best means to rid himself of this pest by carrying them in his fall apples to market, where the larvæ finds abundant means and places to spend his larvæhood and be ready, full plumed, in June to infest every village or city tree; thus we are made the recipients of the scapegoat, bearing to us the sins of our country friends; but for all that we don't wish to banish you, for we can't get along without you."

We will mention the following as among the leading fruit growers of the county: H. S. Tyler, C. H. Cook, J. O. Antisdale, W. L. Barthelomew, Wm. Churchill, Mark Rousell, D. Upton & Son, John Van Pelt, James Dean, Geo. Cobb & Son, H. N. Rowe, S. Porter, Wm. Wilson, Fred Bowles, R. Davis, J. H. Whitney, P. Evert, R. Ellis & Sons, Wm. Wright, C. M. Rowley, M. O'Hara, R. Cockburn, Maffitt & Dawes, W. Collier, R. P. Easton and Ormand Baxter.

Parties wishing to know more about the fruit interests of Muskegon county can probably get the information they desire by corresponding with any of the above parties or with the Secretary of the Board of Trade.

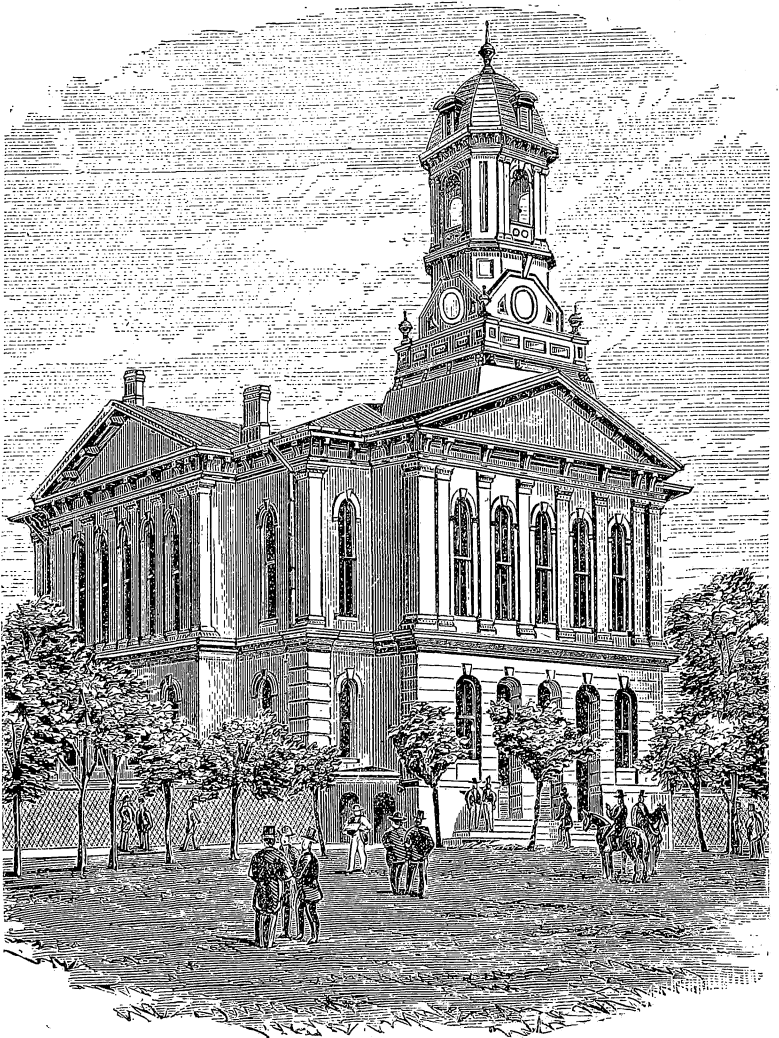
AGRICULTURAL.

The question is very often asked by strangers coming to the city of Muskegon and finding it located on the sand "Have you no agricultural lands?" The intelligent Muskegonite then proceeds to explain the great productiveness of our sandy lands when properly cultivated, but he finds that his questioner is inquiring for lands where the soil is clay or loam. We reply that there is plenty of such land in the county but it is located chiefly in the eastern and northern portions, though there is a small outcrop of clay near the city.

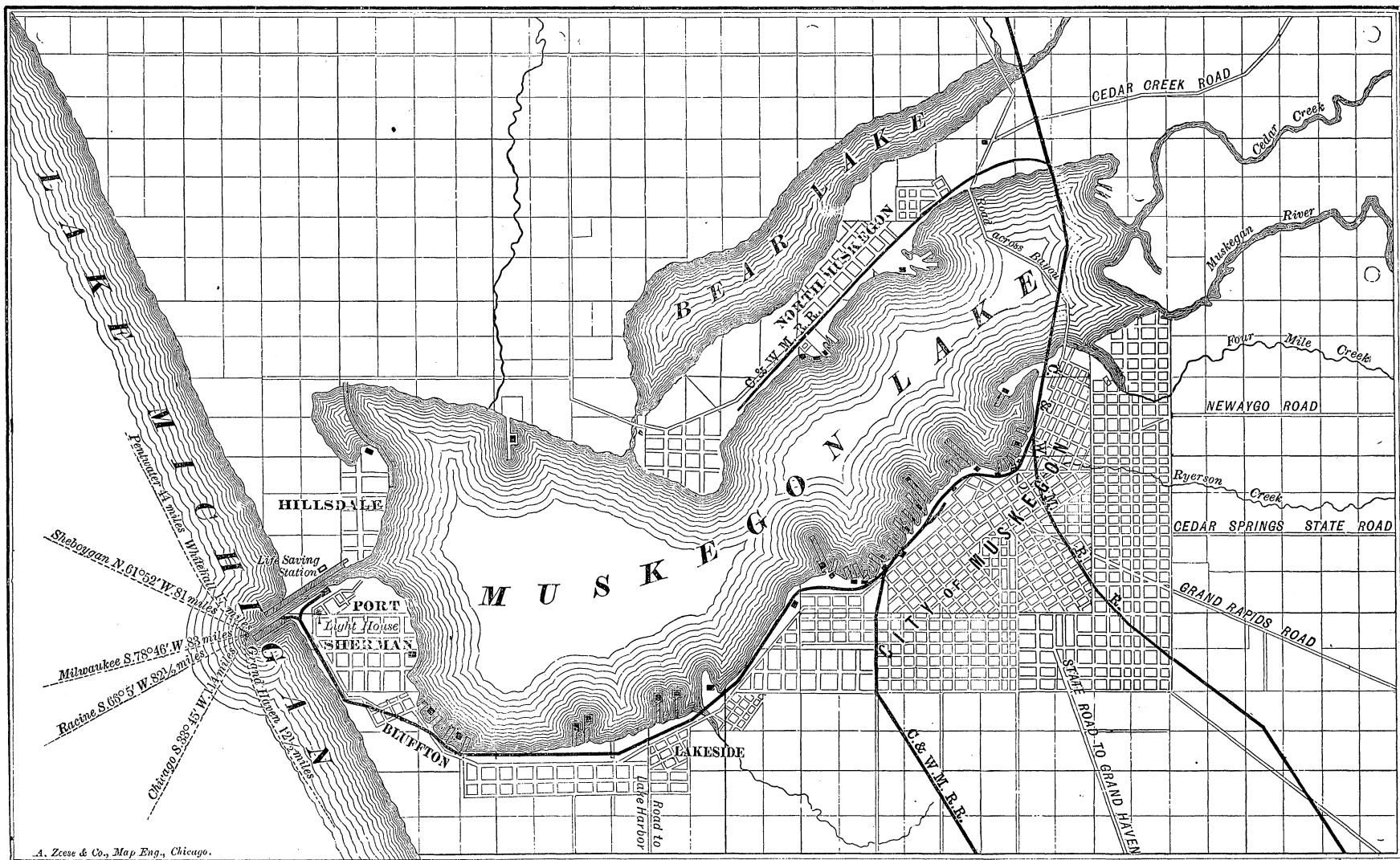
The great productiveness of much of our sand land, however, under proper cultivation, and the large profits realized from the fruits and other products of this land, together with the ease of cultivation, have attracted much attention to it, and as its possibilities become still better known it will become more valuable. There is but little doubt that in addition to the present products of the sandy soils may yet be added the sugar cane and sugar beet, both of which seem to be especially adapted both to the soil and climate in this section of Michigan. The wheat product of Muskegon county in 1881 was 105,214 bushels, corn 114,643 bushels, oats 25,135 bushels, potatoes 72,489 bushels. In comparing the above figures with other localities the reader should remember that only a limited portion of the county is under cultivation, and that a large area of the cultivated portion is devoted to horticulture and pomology. The average of wheat per acre in the county in 1880 was nearly eighteen bushels, though some fields yielded from 25 to 40 bushels per acre.

To those who may think of buying lands for settlement in this county, we say there are thousands of acres of good farming and fruit lands rivaling in fertility those of any other section of the State and convenient to the best markets in the west, that can be purchased, at low prices, especially if not now under cultivation. We think that some of the best fruit locations in the county are yet unoccupied, and they may be purchased now at a very reasonable figure. Mr. H. S. Tyler in a recent article on the subject says: "There are thousands of acres of arable lands within a range of from fifteen to twenty miles of, and adjacent to, the city of Muskegon (a city of 18,000 inhabitants) that in fertility and productiveness would, in the hands of intelligent and industrious farmers, bear no insignificant comparison for profitable returns, by good cultivation, with the average of lands east, or in the farming districts of the great west, that can be purchased on reasonable terms from the different owners thereof. There are no government lands within the distance referred to, but many acres in the hands of the lumber manufacturers of Muskegon and surrounding villages, who purchased them from the government for the timber they held. The timber that was profitable for the manufacturers' use has been exhausted, although much remains of value to the farmer. These lands have already created much wealth for their owners. Their productions have built up a city that to-day stands unrivaled in the world as a lumber manufacturing town, and unsurpassed in prosperity and enterprise, providing one of the best of markets for all and every production of the market garden and of the farm. These lands unquestionably can be purchased, or very many of them, at low prices; their owners have enterprise, they realize the fact that the farmer is primarily the grand motive power that moves the industries of the world, that to destroy the agricultural interest is to cause all other industries to fall, for it is the base of the whole, and they will encourage the hard-working and industrious farmer—they will lend a helping hand to develop the agricultural resources of their country. After a residence of twenty-one years within eight miles of the city of Muskegon, it is needless to say that I have gained a considerable knowledge of the character of the men who have contributed mainly to the prosperity of that city, and the country

surrounding, and I may therefore be permitted to say that they have always, and will in the future, encourage the honest, faithful and industrious laborer in all of the industries that go to supply the wants and necessities of an intelligent and progressive people."



THE COURT HOUSE.



Map showing the City of Muskegon and Suburban Towns, and Muskegon and Bear Lakes and their connection with Lake Michigan, showing one of the finest Harbors on the great Chain of Inland Lakes.

The Muskegon county court house, of which the accompanying cut is a good representation, was built at the expense of the county in 1869. It occupies a whole block of ground between Pine and Terrace streets, and is a substantial structure of stone and brick. It contains a jail and jailer's residence, the county offices, three of which are furnished with fire-proof vaults for public records, a court room and a suite of rooms for the use of juries and witnesses. It has large halls on each floor and is surmounted by a tower from which a fine view is had of the city and the country for several miles around. The jail has been found imperfectly adapted to its intended use and a proposition is to be submitted to the voters of the county authorizing the erection of a separate building for county offices, so that the jail accommodations may be improved.

Fred Douglass used to say in one of his lectures that he had often observed that large rivers were generally made alongside of large cities. While the graceful, swift gliding river Muskegon was probably not made for the express purpose of accommodating a large city (possibly because the best site for a city was just beyond her reach), yet it is, nevertheless, true that upon the beautiful Lake Muskegon—her sister—is located the energetic, prosperous, wide-awake

CITY OF MUSKEGON,

With her multitude of humming manufactories and offering opportunities for the acquisition of wealth and comfort offered by no other city or section of Michigan.

Only a little more than a generation ago the territory now occupied by the city was a dense wilderness (probably one of the howling kind) and as late as 1860 only a little hamlet composed of a few cheap houses, nestling among the sands and brush, and a few small saw mills—miniatures of those of to-day—constituted the sum total of Muskegon. Her growth from that time to the present, though it has not been phenomenal, has been rapid and substantial, and to-day the place of the wilderness is occupied by church towers, and schools, and busy manufactories; the howlings of the wolf and panther are forever silenced and in their place are heard the steam whistle and

the thousand sounds of an earnest civilization. What more there will be in the future we must judge from the past and present.

POPULATION.

According to the census of 1860 Muskegon then had a population of 1,438. From that time onward for several years her growth was rapid, and in 1867 the population was estimated at about 5,000. In 1870 the census showed that she had 6,002 inhabitants. In 1874 occurred the great fire which laid one-fourth of the city in ashes and destroyed about seventy business houses and two hundred residences, involving a loss of perhaps half a million dollars and putting a decided check upon the growth of the city. Her progress, however, could not long be retarded, and soon from the ashes of the *old town* grew up a *new city* more vigorous than the old, and the census of 1880 showed her population to be 11,262, an increase in ten years of about 88 per cent. During the last three years the city has had a genuine business "boom" and the growth has been very rapid. Though an immense amount of building has been done and new houses have been built, yearly, by the hundreds, and new business blocks have arisen by the score, yet the cry is more houses! more houses! and almost every place, at all fit for a human habitation, is occupied. Judging by the number of names in the last business directory of the city and by the number of school children, the present population is about eighteen thousand, and with her immediate suburbs of North Muskegon, Lakeside, Port Sherman and Bluffton, which are connected with the city by street railway and ferry lines, she is the center of a population of at least twenty-two thousand. In 1860 Muskegon ranked seventeenth in population among the cities and towns of Michigan, in 1870 she ranked tenth and in 1880 she was seventh, while at present she is the sixth city in the State in population.

BUILDING STATISTICS.

During the past two years contractors and builders have had all they could conveniently do to keep pace with the demands for their services, and a very large number of new buildings have been erected. The tendency has been toward a more orna-

mental, as well as a more substantial style of architecture than has heretofore prevailed, and more fine residences and business houses have been built during this time than during any period of equal extent in the history of the city. This period has also been remarkable for the very large amount of money expended throughout the city in minor improvements to the homes, such as additions and repairs to houses and adornments of the surroundings. It has been emphatically a time of "fixing up," and, in consequence, the city has been greatly beautified. Within a little more than one year no less than seventeen new business blocks have been added to the city, besides quite a large number of buildings of smaller pretensions, making a total of sixty-five new business rooms. Some of these buildings are the best of their class in the city. Four new church buildings have also been erected during the year, three of them, the Congregational, French Catholic and German Catholic are the best in the city. The number of new dwelling houses built during the year, as nearly as can be ascertained, is three hundred and fifty, ranging in value from five hundred dollars to twenty-five thousand.

There have also been built during the year, one new school house at a cost of \$29,000, two new saw mills, two planing mills, one sash and door factory, one kindling and box factory, a gas receiver with a capacity of about 65,000 cubic feet, a large furniture factory, a bottling establishment and one of the largest shingle mills in the world, besides large additions to several other manufactories.

The total amount expended in the city for building purposes during the past year will probably aggregate one million dollars. The indications now are that an unprecedented amount of building will be done during the season of 1884.

RAILROADS.

Some idea of the growth of Muskegon may be gathered from the freight statistics of the past decade. During the period from 1873 to 1882 the freight carried by the Chicago and West Michigan R. R. has grown from an aggregate in 1873 of 374,509,132 lbs. to 1,750,332,515 lbs. in 1882, an increase of over four hundred and sixty-seven per cent. The tonnage of vessels

any definite steps taken by other roads to secure direct lines to this city would meet with the hearty approval of the public in the city and county. The roads most looked to for such increased facilities are the G. R. & I. R. R., the Detroit, Grand Haven & Milwaukee, the Detroit, Lansing & Northern, and the new Michigan & Ohio. By an extension of a few miles either of these roads could compete for the lumber traffic from this city, and a new outlet to Ohio and the East would thus be given to Muskegon lumber, which would soon develop a trade of immense proportions and prove profitable alike to capitalists here and to the railroad, and the road taking such a step could have access to the best winter harbor on Lake Michigan, and connecting boats instead of floundering in the ice for days each trip, as they are obliged to do at Grand Haven, could come and go at their pleasure, as it is a well known fact that Muskegon harbor seldom ever freezes over.

HARBOR AND SHIPPING STATISTICS.

The Muskegon harbor is appropriately the pride and boast of the people. As will be seen by reference to the map of Muskegon and vicinity, the natural advantages of Muskegon harbor are among the best. The outline of the Lake Michigan coast at this point is such that the heavy western winds drive the ice southward in winter and thus the entrance is generally kept free of ice, while the current in the channel connecting lake Michigan with lake Muskegon is so rapid that it does not freeze over in winter and thus an excellent landing is afforded at all seasons. Lake Muskegon is six miles in length and from one to three miles wide, and affords almost unlimited dock room, and offers a safe retreat for as many vessels as desire her protection—she could accommodate the entire marine of the lakes without overcrowding. A local paper makes the following statement of the business of this port as compared with other competing points on Lake Michigan:

“The following table shows the total tonnage of vessels entered and cleared at the port of Muskegon from 1875 to 1882, both inclusive except for 1875:

Years.	Tonnage.
1875.....	493,370
1876.....	862,248
1877.....	822,452
1878.....	923,826
1879.....	1,223,192
1880.....	1,345,406
1881.....	1,061,361
1882.....	1,358,402

No port on Lake Michigan, except Chicago, has such a tonnage. The boats running in connection with the Detroit, Grand Haven and Milwaukee railroad add greatly to the tonnage of Milwaukee, but these boats carry, to a large extent, through freight, while Muskegon tonnage is all for home or local trade. The official figures for 1882 place Muskegon next to Chicago, or second in importance as a port of entry on Lake Michigan, and the same authority places Milwaukee third in the list, notwithstanding the large quantities of "through freight" which goes to increase the showing of tonnage at her port.

The commerce of Muskegon harbor will show, by the figures given, as compared with other points on the east shore of Lake Michigan, to be about forty (40) per cent. of the whole. The number of vessels entering Muskegon harbor on business is three and a quarter ($3\frac{1}{4}$) times that of those entering Grand Haven; two and a half times that of Manistee, and equal to the aggregate of those entering the harbors of Michigan City, St. Joseph, Grand Haven and Manistee, and greater than those entering at White Lake, Ludington, Pentwater, St. Joseph and Grand Haven combined. Below is tabulated, separately, the tonnage of the arrivals and clearances during the year 1882:"

	Arrivals.	Clearances.
January.....	183	183
March 8 to 31.....	15,039	16,725
April.....	62,267	63,521
May.....	46,967	46,967
June.....	90,373	89,916
July.....	84,764	88,459
August.....	101,036	101,019
September.....	127,782	127,782
October.....	91,194	91,065
November.....	54,965	54,885
Dec. 1 to 8.....	1,627	693
Total tonnage.....	676,187	681,205

In 1882 the total tonnage of the vessels arriving and clearing at this port was 53,567 tons greater than that of the Saginaw river ports, including Saginaw City, East Saginaw and Bay City.

The total number of vessels and barges clearing from this port in 1883 was 2,988.

TRANSPORTATION COMPANIES.

During the summer season the Goodrich Transportation Co. runs an elegant line of passenger boats between Muskegon and Chicago, and also does a large freighting business. Last season the magnificent steamer "Menominee" was run on this line. Direct connections are also made to Milwaukee by the boats of the Grand Trunk R. R., and thus, through these two lines, Muskegonites are able to find transportation by water to any of the ports on the great chain of inland lakes.

FERRY LINES.

The North Muskegon Ferry Line runs its boats to all the principal points about Muskegon lake, leaving their docks at the foot of Market Street every half hour. The line consists of the elegant steamers Erie L. Hackley, Centennial and Mary E. Minter, and is owned by Captain Seth Lee, an experienced lake captain.

The fine steamer Carrie Ryerson, owned by Ryerson, Hills & Co., starts from the docks of the company and makes four trips daily to Port Sherman, stopping at several intermediate points.

LUMBER.

The manufacture of lumber in the Muskegon valley had its beginning in 1837, when Benj. H. Wheelock established the first saw mill on Muskegon lake near the site now occupied by the Swan, White & Smith mill. The first cargo of lumber was shipped from the Muskegon harbor in 1839 on the Victor, a vessel with a capacity of about 40,000 feet. From that time to the present the development of the lumber business of Muskegon has been marvelous and can scarcely be fully comprehended by persons not familiar with Michigan lumbering. In 1850 there were six saw mills on Muskegon lake, having an aggregate

capacity of about 60,000 feet. In 1860 the number had increased to sixteen, with a largely increased sawing capacity; in 1867 there were twenty-five firms engaged in the manufacture of lumber. From that time to the present new mills have been built, year after year, until to-day, including shingle mills, there is a total of forty mills located about Muskegon lake, a body of water only six miles in length. These mills have a sawing capacity of from fifty to two hundred and fifty thousand feet each per day.

They are supplied with the latest and most improved machinery, have large and convenient docks and booming grounds, and many of them are backed by a supply of timber sufficient to last them for years to come, while others with smaller supplies of timber cut lumber by contract.

PRODUCT OF MUSKEGON SAW MILLS DURING SAWING SEASON OF 1883.

Names.	Lumber.	Lath.
M. Wilson & Co.....	27,000,000	6,400,000
Blodgett & Byrne (two mills).....	37,000,000	12,065,200
Ryerson, Hills & Co (two mills).....	34,025,000	4,100,000
Thayer Lumber Co.....	28,640,408	8,883,000
W. H. Bigelow & Co.....	15,427,000	5,454,000
C. H. Hackley & Co.....	27,685,341	8,561,000
Beidler Manufacturing Co.....	19,148,779	7,863,000
Swan, White & Smith.....	17,597,139	5,100,000
Walworth & Reed.....	26,000,000	6,585,000
C. J. Hamilton & Co.....	35,966,998	5,810,000
McCracken, Hovey & Co.....	21,214,519	9,343,000
Michigan Shingle Co.....	6,000,000	none
Stimson, Fay & Co.....	21,900,000	4,800,000
Tillotson & Blodgett.....	18,500,000	17,500,000
A. V. Mann & Co.....	21,000,000	6,600,000
A. S. Montgomery.....	14,000,000	4,500,000
Rodgers & Co.....	18,000,000	2,185,000
Hall Lumber Co.....	16,700,000	5,921,750
Gao. E. Wood.....	16,000,000	4,500,000
C. D. Nelson & Co.....	24,150,192	6,395,600
North Muskegon Lumber Co.....	15,000,000	6,000,000
Petrie Lumber Co.....	4,175,313	none
Gow & Majo.....	11,000,000	none
Torrent, Brown & Co.....	4,368,417	none
Beaudry, Champagne & Co.....	13,500,000	4,500,000
F. N. Storrs Lumber Co.....	16,000,000	7,000,000
Farr Lumber Co.....	17,500,000	700,000
Bertrand & Co.....	14,700,000	none
Ducey Lumber Co.....	17,000,000	7,000,000
Torrent & Arms.....	24,783,460	8,300,000
T. D. Stimson.....	22,084,185	7,541,250
Muskegon Shingle & Lumber Co.....	1,500,000	none
McGraft Lumber Co.....	4,800,000	1,500,000
Davies Bros.....	12,000,000	none
E. & C. Eldred.....	22,500,000	none
Laketon Lumber Co.....	2,000,000	none
West Michigan Lumber Co.....	37,212,503	14,746,350
Total.....	686,079,254	189,854,150

SHINGLES CUT IN 1883:

Michigan Shingle Co.....	89,000,000
Torrent, Brown & Co.....	61,678,090
G. F. Shippey & Co.....	28,844,000
F. B. Peck & Co.....	17,000,000
Muskegon Shingle & Lumber Co.....	63,000,000
Laketon Lumber Co.....	43,000,000
West Michigan Lumber Co.....	16,696,509
Total.....	310,491,500

LUMBER CUT IN TEN YEARS.

The following tabular statement shows the lumber cut by the Muskegon mills since 1873 and affords a means of judging the growth of the business:

1873.....	329,689,000	1879.....	504,555,000
1874.....	307,200,000	1880.....	551,201,900
1875.....	320,400,000	1881.....	640,500,000
1876.....	296,800,000	1882.....	648,229,033
1877.....	327,300,000	1883.....	686,079,254
1878.....	388,991,000		

It should be borne in mind that in the above table we do not give the entire lumber cut of Muskegon county, but only of the mills located upon Muskegon lake. At Whitehall, Montague and Twin Lakes the annual cut amounts to several hundred millions.

THE LUMBER QUEEN OF THE WORLD.

It is generally conceded that the Saginaw and Muskegon valleys are now the largest lumber producing districts in the world, and Muskegon city lays claim to the preeminence of being *the greatest lumber producing city in the world*. The total lumber product of the leading lumber producing points in the Saginaw valley, including the cities of Saginaw, East Saginaw and Bay City and the villages of Carrollton, Zilwaukee and West Bay City for 1883, was 938,675,078 feet, while the product of Muskegon was 686,079,254 feet, and if we include the product of the Muskegon river it would exceed the Saginaw product by several hundred millions. Muskegon is therefore preeminently the lumber queen of the world to-day.

RAIL LUMBER TRAFFIC.

A new era in the lumber business of Muskegon was begun two years ago. Up to that period nearly all of Muskegon's immense lumber product was shipped to Chicago by boat, repiled there and then distributed throughout the west, a state of affairs very profitable to Chicago but not so good for Muskegon. In the beginning of 1883, the C. & W. M. R. R. had so enlarged its southern connections that it was able to offer such low freight rates to the west and southwest that Muskegon manufacturers discovered that they could profitably dispose of a large part of their product direct to retail dealers without the intervention of Chicago dealers. The result has been a very large increase in the planing mill capacity of the city and a correspondingly large increase in rail shipments, which last season reached nearly a million feet per day. There can be no reasonable doubt that this line of trade will continue to increase, and that hereafter a much larger yard business will be done than formerly, and greatly to the advantage of Muskegon.

PLANING MILLS.

The facilities for dressing lumber which Muskegon possesses are not excelled by any locality in Michigan. The following table represents the daily capacity of her planing mills:

W. G. Watson & Co.	150,000	feet
Munroe Manufacturing Co.	200,000	"
Hunter, Tillotson & Co.	75,000	"
Walworth, Reed & Co.	125,000	"
L. G. Mason	70,000	"
T. D. Stimson	150,000	"
W. Jones & Son	75,000	"
W. F. Wiseloge	75,000	"
Kelly Bros. Manufacturing Co.	50,000	"

TIMBER SUPPLY.

Twenty years ago old croakers said "Five or ten years more will exhaust the timber supply of Muskegon." They have said the same thing every year from that time to this until their prognostications are now considered about as reliable as those of the ordinary weather prophet. While these predictions have

been indulged in the lumber cut has increased, year after year, until it has grown from an annual product of a few hundred thousand feet to as many hundred millions and still the supply is very far from being exhausted, and many of the most valuable timbers of the region, especially hardwoods, are practically almost untouched, and the timber prophet of to-day who lives long enough to see the supply exhausted in the Muskegon valley will be so wrinkled that he can wrap himself up in a linen rag and be labeled "a well preserved specimen of Egyptian mummy" without danger of detection. A recent report made by the Saginaw Board of Trade has the following in regard to the Muskegon river lumber district:

"The Muskegon River district is one of the largest in the state. The river is large, and with its numerous large tributaries, the Little Muskegon, the Tamarac, Middle Branch, Clam river and other streams, affords lumbering facilities to a greater extent than any other stream in the state. From Higgins and Houghton Lakes, the main river flows through Roscommon, Missaukee, Osceola, Clare, Mecosta, Newaygo and Muskegon counties, while the tributaries reach the counties of Wexford and Montcalm penetrating the dividing ridge, and reaching timber tracts which divide their products between the eastern and western slope, of the peninsula. From the same district the logs are cut for the Saginaw and Muskegon mills, and at Houghton Lake the same township supplies timber for the Muskegon and the Au Sable of Lake Huron, and on the west the Mamstee, the Pere Marquette and the White River divide the timbers with the waters of the Muskegon; and still further, the latter takes timber from the same territory which supplies the mills of Grand River. The Chicago & West Michigan, Grand Rapids & Indiana, Flint & Pere Marquette and other roads pass through this district in different directions, and the Mackinaw Division of the Michigan Central traverses the extreme headwaters of the district in Roscommon county. The Muskegon is one of the principal pine producing streams of the state, in fact is equalled by none save the Tittabawassee and tributaries. The lower Muskegon has been exhausted largely, but the extent of the stream and its numerous tributaries will continue a source of supply for years to come."

THE BOOMING COMPANY.

The office of the Muskegon Booming Company is located in Muskegon and their sorting and coupling grounds, of which we give an illustration, are located at the mouth of the Muskegon river, within the corporate limits of the city. The company was organized in 1864 and has a capital of \$200,000. The merchants and other business men of the city gather in a large amount of cash, monthly, through sales to the employees of this company alone. The company last year handled nearly 600,000,000 feet of logs and employed in all its operations about eight hundred and fifty men during the booming season. The labor account aggregates \$215,000, or \$30,000 per month during the rafting season.

LOGS RAFTED IN 1883.

During the past season the company delivered 582,549,840 feet of logs to the following mill firms and individuals to be sawed here:

B. L. Anderson & Co.....	3,536,724
D. N. Avery.....	6,339,980
H. C. Ackley.....	1,812,372
Beaudry, Champagne & Co.....	9,334,486
Blodgett & Byrne.....	25,524,249
Bertrand & Co.....	3,032,816
Chas. Beaudry & Co.....	1,344,765
Beidler Manufacturing Co.....	5,888,630
A. H. Bigelow & Co.....	11,140,083
D. A. Blodgett.....	16,697,451
C. & J. Backus.....	2,474,508
Jonathan Boyce.....	9,511,969
Paul Blackmar & Co.....	856,443
M. V. Barton.....	55,206
J. N. Charnley & Co.....	1,364,139
Wm. Coach.....	803,016
D. F. Comstock & Co.....	96,636
Clark & Thompson.....	80,114
Wm. Cummings.....	6,333
D. P. Clay.....	208,889
D. F. Diggins.....	213,338
Davies & Whitney.....	599,871
Ducey & Co.....	8,36,2108
P. A. Ducey.....	3,916,819
E. & C. Eldred.....	12,285,579

Farr Lumber Co.....	8,722,487
Geo. Fuller.....	21,461,825
Furlong & Friant.....	28,387
Gardner & Spry Co.....	4,345,540
B. & J. Godkin.....	3,347,946
T. W. Harvey.....	1,038,670
S. C. Hall Lumber Co.....	7,305,910
C. H. Hackley.....	2,782,625
C. H. Hackley & Co.....	14,873,397
Hackley & Hume.....	2,974,792
C. J. Hamilton.....	1,138,329
Hull & Watson.....	274,278
Hood, Gale & Co.....	525,991
Hovey & McCracken.....	744,713
H. N. Hovey & Co.....	2,680,716
P. Hayden & Son.....	82,724
E. H. Hilman & Co.....	334,486
A. J. Hitchcock & Co.....	12,600
Kelly, Rathbun & Co. :.....	11,341,041
J. W. Kent.....	1,229,272
Kilmaster & McLeman.....	140,904
J. W. Lane.....	680,925
Laketon Lumber Co.....	9,770,259
McGraft Lumber Co.....	3,164,055
Mich. Shingle Co.....	12,020,690
John Murray & Co.....	13,585,624
A. S. Montgomery.....	5,337,707
McGraft & Montgomery.....	4,800,343
J. H. Moores.....	3,307,966
A. V. Mann & Co.....	14,943,615
Muskegon Shingle & Lumber Co.....	9,723,787
Mark & Fleitz.....	2,766,660
Wm. Martin.....	1,009,638
J. G. McIlwain.....	675,397
McFee & Son.....	238,204
McFee & Glover.....	122,491
E. C. Misner.....	76,712
Norris & Uhl.....	11,148,730
North Muskegon Lumber Co.....	7,687,949
F. B. Peck & Co.....	3,220,235
A. H. Petrie & Co.....	5,324,688
O. P. Pillsbury & Co.....	27,414,431
DeForrest Paine.....	308,397
Roscommon Lumber Co.....	2,169,520
Rodgers & Leboeuf.....	2,818,090
Richards, Hanks & Co.....	522,993
Ryerson, Hills & Co.....	38,144,071

R. H. Roys & Co.....	2,116,267
D. W. Squiers.....	2,978,230
Street, Chatfield & Keep.....	11,028,430
Swan, White & Smith.....	15,079,854
Stimson, Fay & Co.....	13,081,349
Soper, Pond Co.....	8,777,075
Shelvin & Feeley.....	1,188,731
Wilson & Stickney.....	5,090,997
Shevlin, Davies & Co.....	300,194
G. F. Shippey & Co.....	320,881
T. D. Stimson.....	18,573,309
J. H. Skiels & Co.....	10,899
C. N. Storrs & Co.....	17,143
Torrent, Brown & Co.....	10,604,677
Torrent & Ducey.....	20,148,002
Torrent & Arms Lumber Co.....	14,117,004
Thayer Lumber Co.....	21,783,128
M. Wilson.....	14,202,993
Geo. E. Wood.....	15,821,114
Walworth & Reed.....	7,339,733
Frank Wood, trustee.....	4,726,123
Wood Package & Basket Co.....	464,794
White & Friant.....	368,000
Dr. O. C. Williams.....	278,558
Total.....	582,540,840

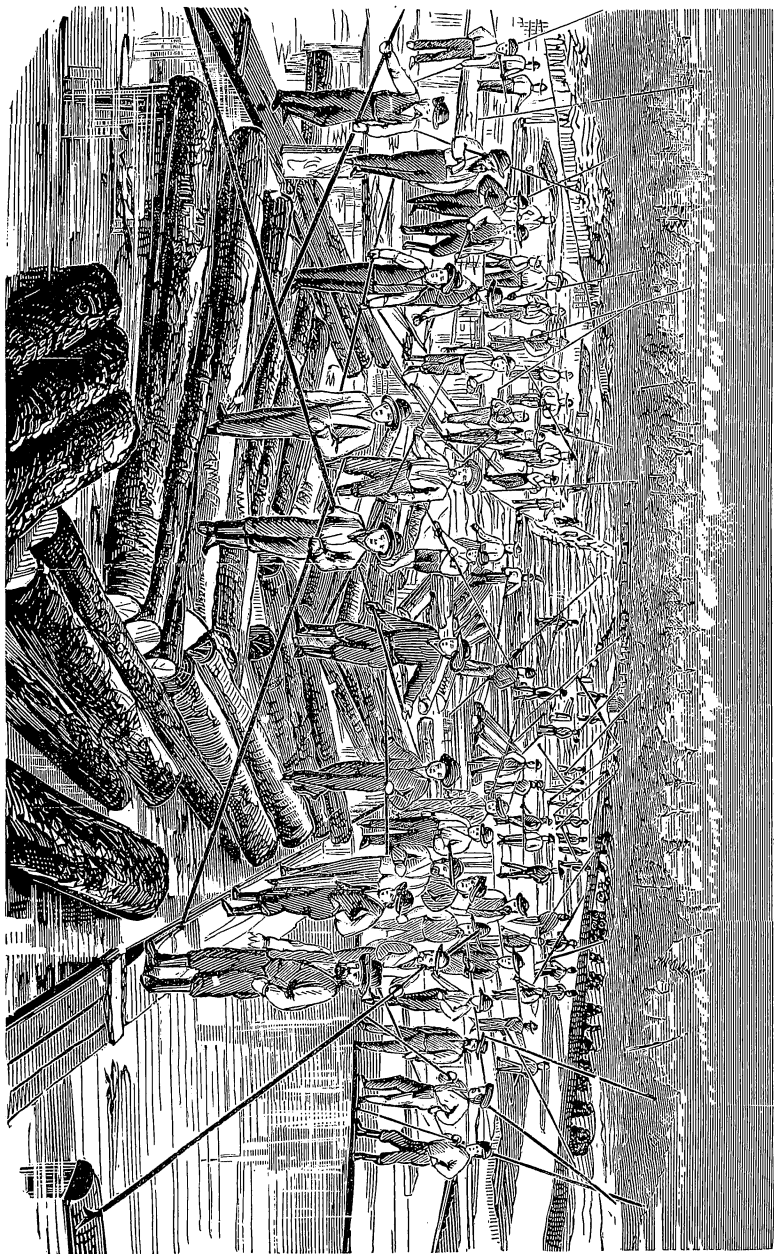
LOGS RAFTED SINCE 1864.

The following table shows the amount of logs delivered at the different mills by the Booming Company each year since its organization in 1864:

Year.	Feet	Year.	Feet.
1864.....	96,045,814	1874.....	224,561,527
1865.....	108,505,705	1875.....	309,538,418
1866.....	137,468,700	1876.....	290,525,719
1867.....	288,502,200	1877.....	312,285,951
1868.....	213,692,600	1878.....	348,990,055
1869.....	267,789,900	1879.....	432,431,679
1870.....	198,862,600	1880.....	436,675,446
1871.....	250,000,000	1881.....	565,846,557
1872.....	315,035,000	1882.....	*528,496,928
1873.....	376,000,000	1883.....	582,540,840

The falling off in 1882 was occasioned by the great strike which occurred that year.

MUSKEGON BOOMING COMPANY'S SORTING GROUNDS.



MANUFACTORIES NOW ESTABLISHED.

Muskegon already has a well earned reputation as a manufacturing point, and her manufactured articles reach nearly every part of the country. According to the U. S. census of 1880 she then ranked third among the cities of Michigan in the value of her manufactured products, fifth in the amount of wages paid employees and fourth in the amount of capital invested in manufacturing enterprises. The values given are as follows:

Capital invested.....	\$5,755,360
Value of manufactured products.....	9,027,241
Value of materials used.....	5,408,600
Wages paid.....	1,080,810

Since that time several new manufacturing enterprises employing a large amount of capital have been added, increasing the capital invested to a total of over \$6,000,000, and, yet, when we consider the possibilities and probabilities which the city and surroundings indicate the realization of, we are led to think that the manufacturing of Muskegon is only in the infancy of its development. We give below a list of the various manufacturing establishments now in operation in Muskegon city and suburbs :

Louis L. Arms, Shingle and Lumber Co. Barcus Bros., saw manufacturers; L. O. Beerman, wagons and carriages; Beaudry, Champagne & Co., saw mill; Beidler Mⁿf. Co., saw mill; Bertrand & Co., saw mill; N. F. Br  din, stair builder; W. H. Bigelow, saw mill; Blodgett & Byrne, two saw mills; P. J. Connolly, gas fixtures and plumbing; Chicago & West Michgan. R. R. repair shops, engines, etc.; Joshua Davies, machine shop; Davies Bros., saw mill; Samuel Davis, cigar manufacturer; Ducey Lumber Co., saw mill; Eldred & Co., saw mill; Farr Lumber Co., saw mill; Gow & Majo, saw mill; Thomas B. Gregory, saw manufacturer; C. H. Hackley & Co., saw mill; C. J. Hamilton, saw mill; Chas. H. Hayden, hame manufacturer; J. J. Howden, gas fittings and plumbing; Johnson Boiler Works; F. Jiroch, cigar manufacturer; James Hutchinson, wagons and carriages; Wm. Jones & Son, planing mill; Jas. S. Kirk & Co., boxes; Kelley Bros., sash, doors and blinds; Louis Kanitz, lime manufacturer; Laketon Lumber Co., saw mill; Henry Leiders

& Co., bottling works; McCracken, Hovey & Co., saw mill; A. S. Montgomery, saw mill; A. V. Mann & Co., saw mill; L. G. Mason, planing mill; Michigan Shingle Co., saw and shingle mill; Thos. Miller & Co., machinists; Munroe Man'f. Co., planing mill; Muskegon Building Stone Co.; Muskegon Bottling Works; Muskegon Brewing Co.; Muskegon Car and Engine Co.; Muskegon City Mills Co.; Muskegon Gas Works; Muskegon Shingle and Lumber Co., Muskegon Valley Furniture Co.; Muskegon Furniture Co.; Novelty Iron Works; C. D. Nelson & Co., saw mill; Chas. Prebe & Co., brick manufacturers; F. B. Peck & Co., shingle manufacturers, Pembroke Knitting Works; Petrie Lumber Co., saw mill; Piano Stool Mn'f. Co.; Joseph Simonds, kindling manufacturer; Thayer Lumber Co., saw mill; Tillotson & Blodgett, saw mill; Torrent & Arms Lumber Co., saw mill; Truesdell, Lange & Co., furniture; Walworth & Reed, saw mill; Walworth, Reed & Co., planing mill; W. G. Watson, planing mill and box manufactory; West Michigan Lumber Co., saw mill; M. Wilson & Co., saw mill; Woodard Manufacturing Co., patent kindling and box manufacturers; Geo. E. Woods, saw mill; Muskegon Package and Basket Co.; Rodgers Iron Mn'f. Co.; Rodgers & LeBoeuf, saw mill; Ryerson, Hills & Co., two saw mills; S. C. Hall Lumber Co., Stimson, Fay & Co., saw mill; Storrs Lumber Co., saw mill; T. D. Stimson, saw and planing mill; Swan, White & Smith, saw mill; Temple Manufacturing Co., curtain roller manufacturers; Hunter, Tillotson & Co., planing mill; J. Zerwes, cigar manufacturer; Muskegon Glue Works: making a grand total of seventy-nine manufacturing establishments now in operation and whose combined capital aggregates millions of dollars. Twenty-nine of the above establishments have come into existence within a period of about five years.

POSSIBLE NEW MANUFACTURING ENTERPRISES.

As will be seen from the preceding chapter, Muskegon already has extensive and varied manufacturing interests, but the list would be almost indefinitely extended were all the different manufactures which might be pursued here with profit, established. The almost unlimited supply and variety of timbers accessible to the city, together with comparatively low taxation,

cheapness of good locations, abundance of common and skilled labor, cheapness of fuel and almost all other accessories to successful manufacturing, make Muskegon a very desirable location for the manufacturer who wishes to secure the greatest profit from his investments. Dropping entirely out of sight the question of the pine lumber supply, there is within easy access to the city, thousands of acres and millions of feet of hard wood, which can be brought here with very little cost and manufactured into the various products in which the different timbers are used. The supply of red, white and black oak, white and black ash, maple, hemlock, cedar, elm, birch, basswood and beech is sufficient for generations to come, while white and Norway pine is almost everywhere. Almost any kind of manufactory which requires any quantity of either of these timbers can be successfully and profitably operated here. Parties in search of a location for manufacturing purposes will find it to their advantage to communicate with some officer or member of the Board of Trade.

INCORPORATED COMPANIES.

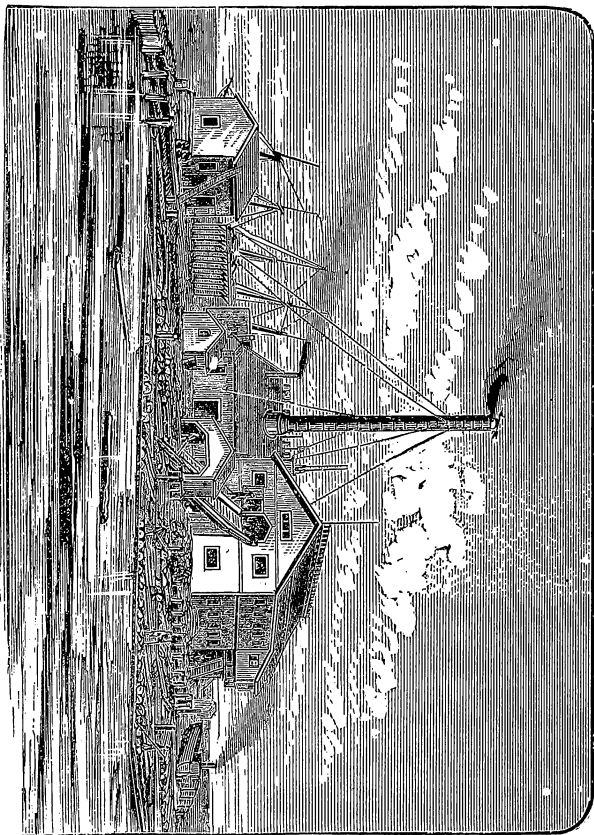
We give below a list of the incorporate companies of Muskegon and vicinity with the capital of each. The showing is one of which the city need not be ashamed.

	Capital.
Beidler Manufacturing Co.....	\$175,000
Bluffton Lumber Co.....	30,000
Ducey Lumber Co.....	65,000
Farr Lumber Co.....	100 000
Kelly Bros. Mn'f. Co.....	20,000
Laketon Lumber Co.....	35,000
Lewis L. Arms Shingle and Lumber Co.....	50,000
McGraft Lumber Co.....	75,000
Michigan Shingle Co.....	100,000
Munroe Mn'f. Co.....	40,000
Muskegon Booming Co.....	200,000
Muskegon Car & Engine Co.....	200,000
Muskegon Electric Light Co.....	25,000
Magoon Heater Co.....	10,000
Muskegon Gas Light Co.....	50,000
Muskegon Shingle and Lumber Co.....	60,000
Muskegon Valley Furniture Co.....	100,000
Novelty Iron Works.....	50,000
North Muskegon Lumber Co.....	40,000
Pembrok Knitting Co.....	10,000
Petrie Lumber Co.....	35,000
Rodgers Iron Mn'f. Co.....	90,000
S. C. Hall Lumber Co.....	300,000
Temple Mn'f. Co.....	40,000
Thayer Lumber Co.....	500,000
Torrent & Arms Lumber Co.....	125,000
Union Yacht Club.....	5,000
West Michigan Lumber Co.....	375,000
Woodard Mn'f. Co.....	10,000
Wood Package and Basket Co.....	40,000

A MUSKEGON SAW MILL.

Persons not familiar with Michigan lumbering have very inadequate ideas concerning the capabilities and cost of a Muskegon saw mill. Men who have formed their notions of a saw mill from the old fashioned mill of the east or south, where water is the motive power, and one small Mulay saw constitutes the cutting machinery, that by a large amount of coaxing succeeds in sawing two or three thousand feet of lumber per day, can scarcely realize that a saw mill can be made to cut 200,000 feet of lumber in ten hours, yet that is the way it is done by our Muskegon mills. We give herewith a cut of the fine mill of

A. V. MANN & CO.,



Which may be regarded as a typical Muskegon mill. It was built in 1867, but was afterward destroyed by fire and rebuilt in

its present shape in 1872, at a cost of about \$45,000. The mill is supplied with two large circular saws and a gang, and has a sawing capacity of 19,000,000 feet during the sawing season of seven and a half months. Connected with it is dock room for piling 10,000,000 feet of lumber.

RYERSON, HILLS, & CO.'S CITY MILL.

This mill, though not the largest, is one of the most complete on Muskegon lake. It was built two years ago at a cost of \$60,000, and has a capacity of 160,000 feet of lumber and 75,000 lath every eleven hours. It is 45 by 150 feet, two stories high, and has a boiler room attached 75 by 40 feet, and a refuse burner 113 feet high and 24 feet in diameter at the base and built at a cost of \$5,000. The motive power is a 26 by 34 engine of 600 horse power. It has seven boilers 20 feet long, 42 inch shell, and a large steam pump, Knowles patent, with a 12x14 steam cylinder and a water cylinder 8 inches in diameter. The mill contains one circular saw 5½ feet in diameter and one gang with forty-five saws—the weight of the gang is twenty-seven tons and it required fifty-six cords of stone for its foundation. In addition to the above there are the following secondary saws:—slab cutters, a bench of four saws; edging cutters, four saws; two edgers, one with eight and one with three saws; and four trimming saws, besides saws for cutting 75,000 lath per day. The logs are raised from the water into the mill by an endless chain with hooks attached, and when the mill is in operation the stream of logs passing into it is almost constant. For fire protection the mill has four inch water pipes running the length of all its docks with hydrants every fifty feet, and is supplied with 700 feet of the best hose that can be obtained. Connected with this mill is dock room sufficient for piling 15,000,000 feet of lumber, and the docks are generally well filled. As an illustration of the speed with which lumber is manufactured we quote from the Muskegon Chronicle the following description of a trial of speed recently made by the Stewart Ives mill, at Hungerford, for the entertainment of Ohio and Pennsylvania lumber dealers. The work, as far as cutting is concerned, can be duplicated by almost any one of Muskegon's mills, but the logs are, of course, received here in a different manner from the woods.

“After viewing the buildings and yard, a train on the logging road, which runs four and one half miles into the woods, was taken and the party were shown the forest in all its glory. Here it was proposed that a tree be cut down and its progress watched to the lumber yard. One of the large white pines was chosen. Four men went at it with axes and saw; in two minutes it lay on the ground; in four minutes more it was cut into four logs, containing 848 feet of stuff, and loaded on the train. The run—two and a half miles—was made in four minutes. Upon arriving at the mill the logs were dumped into the lake, from there by an endless chain they were drawn to the upper floor of the mill. Watching the progress of the logs, they were seen to enter the mill and take their places upon the circular saw carriage. The bark edgings, called scantlings, were soon removed and the logs were a pile of lumber in short order—the boards as they were cut passing to a carrying table supplied with revolving rollers which carried them to the edging table. Here the edges were taken off and the boards kept on their journey until they reached another table where the ends were squared. A scaler put a number on each board denoting where it was to be taken and a gang of yardmen took them on trucks to a car standing on a siding near by. Meantime the scantlings and edgings had been made into lath and the refuse taken by an endless chain to a burning pit. Only $7\frac{1}{2}$ minutes were occupied by the four logs passing through the mill from the time they left the car till the lumber was piled on the car and the lath made. From the time the axe first touched the tree until the last board was on the car ready for shipment only $21\frac{1}{2}$ minutes were occupied.”

RAILROAD LOGGING.

Several lumber firms own and operate extensive logging railroads at points along the Muskegon river convenient for use in carrying their logs from the timber to the banks of the river. A large quantity of logs are also delivered at the mills in the city by the C. & W. M. R. R. in addition to those delivered by the Booming Company.

SALT.

After years of waiting the people of Muskegon have at length the gratification of knowing that the salt business will, hereafter, be one of the industries of the city. This is clearly demonstrated by the success attending the Mason and the Ryerson, Hills & Co. wells. Ever since the discovery of salt in the Saginaw valley there have been in Muskegon men who have been firm believers that, if properly tested, as good salt brine might be found here as at any point in the state. This belief, however, was slow in taking practical shape. About seventeen years ago the first effort was made in boring for salt at what was called the Truesdell well, but after reaching considerable depth and obtaining some brine, the drill got fast in the well and the work was abandoned, and the salt question rested quietly for several years, no one seeming to have faith enough in its ultimate success to invest the necessary cash in the enterprise. Early in 1872, however, the Mason Lumber Co. decided to again test the matter and with the aid of other capitalists, who subscribed to the enterprise, began sinking a well near their mill in May of the same year. The work progressed with various interruptions through 1872, '73 and '74 until it had reached a depth of two thousand feet, where salt bearing rock was found. The stratum was about fifty feet thick and yielded a flow of strong brine, but not being sufficient in quantity to satisfy the projectors of the enterprise, they continued the boring to the depth of two thousand four hundred feet, though without any better success. In January, 1875, the well was tested with a salt pump, but it was found that the supply of brine was deficient, and the well was pronounced a failure. The Mason Lumber Co. afterward had the well sunk two hundred and twenty-six feet deeper, but without success. The total depth of the well was then 2,627 feet and \$18,000 had been expended in the work. Nothing more was done towards looking for salt till 1881, when the success of wells at Manistee and other points induced a number of Muskegon capitalists to again make an effort. A subscription was raised and a contract made with Marrs & Miller, of Chicago, to again test the Mason well. The old piping was thoroughly cleaned and the well cleared out, and two torpedoes were ex-

ploded in the well, one at a depth of two thousand and fifteen and the other two thousand and thirty-five feet. The effect was to cave in the well and loosen the seams of the salt rock, and after cleaning out the well again it was left blocked up below two thousand one hundred feet, the limit of the salt rock. The pump was again put in operation, and this time with satisfactory results. It was worked at the rate of 25 strokes per minute and yielded from six to seven gallons of very strong brine, which was regarded very good, when the fact was considered that the pump was six hundred and fifty feet above the bottom of the salt rock. A test was made July 30 to determine the extent of the brine supply and after seventy-two hours of constant pumping the quantity and strength remained unchanged. The salinometer marked 102 to 105, the fact of its marking above 100 degrees being due to foreign matter in the brine. It was estimated that this well with the pumps six hundred and fifty feet above the bottom of the salt rock, and with the inferior pumping machinery it then had, was capable of producing enough brine to make over seventy-five barrels of salt in twenty-four hours. Experts were also of opinion that the production could be very largely increased by the use of more efficient pumping machinery and lowering the pump to the salt rock. The brine obtained from the well was very clear and produced a very white salt. An analysis made by Prof. Delafontaine, of Chicago, gave the following result: 1 lb., 15 oz., 2 gr. salt; 9 oz., 101 gr. chloride of calcium, 1 oz., 11 gr. chloride of magnesium to one gallon of brine at 65 degrees F. and specific gravity 1,205. The geological character of the district, as indicated by the imperfect records kept of the Mason well, is as follows:

Surface sand, clay, etc.....	225 feet
Gray limestone and shale.....	400 "
Blue shale with loam streaks.....	775 "
Solid blue shale.....	150 "
Solid red shale.....	150 "
Lime rock, with streaks of shale.....	200 "
Salt bearing rock, with streaks of sand, 1 to 4 feet thick.....	50 "
Light colored lime rock and shale.....	50 "
Dark colored lime rock.....	250 "
Gypsum and lime in streaks 4 to 6 feet thick.....	50 "
Lime.....	145 "
Rapid and various changes ending in dark lime rock, loose and porous.....	82 "

2,627 feet

For some reason the work at the Mason well ceased with the test above mentioned, and the manufacture of salt has never been carried on, as was generally expected, after so successful a test. The favorable result reached, however, stimulated others, and in April, 1882, the firm of Ryerson, Hills & Co. began boring near their saw mill, on Western Avenue. Messrs. Marrs & Miller, of Chicago, took the contract for sinking the well and they prosecuted their work with such energy that in June, 1883, they had reached a depth of 2,100 feet at which point they struck a very strong flow of brine. Indications of salt were found at a depth of 1,600 feet, but not in sufficient quantity to make a paying well. The strongest flow of brine was found at 2,040 feet and the well will probably be closed up below that point.

The geological strata passed through were similar to those of the Mason well.

A sample of the brine from this well was sent to Prof. Prescott, professor of applied chemistry in the Michigan State University, for analysis, with a view to ascertain its value for salt making. The following is his report:

UNIVERSITY OF MICHIGAN, CHEMICAL LABORATORY, }
Sept. 8, 1883. }

Messrs. Ryerson, Hills & Co.

Dear Sirs: Herewith I beg leave to report the results of my analysis of the brine received under your stamp and seal, in accordance with your telegram of the 4th instant: Specific gravity at 60 degrees F. 1.20342. This gravity corresponds by the Michigan salt table, to a solution of pure common salt showing 99 per cent. of full saturation, that is, 99 degrees on the salinometer; and 25.44 per cent. of chloride of sodium, or 21.8 gallons for a bushel of salt.

The brine contains in 100 parts:

Chloride of sodium.....	17.493330
Sulphate of lime.....	0.058416
Chloride of calcium.....	5.820542
Chloride of magnesium.....	1.7034 69
Bromide of magnesium.....	0.234 600
Alumina—a trace.	
Total saline matter.....	25.310357
Water.....	74.689643

The brine carries with it, as received, a small quantity of sulphuretted hydrogen gas, and a small quantity of suspended insoluble matter, the latter amounting to 0.0033 per cent. and consisting mainly of sulphide of iron. The brine as filtered contains hardly a trace of iron. Its secretion is strictly neutral.

Respectfully submitted,

ALBERT B. PRESCOTT,

Prof. Applied Chem. etc.

The above analysis is regarded by Messrs. Ryerson, Hills & Co. as very favorable and they have fully determined to operate the well. The strength of the brine as shown by the Salinometer—99 degrees—is very good, as it only requires 21.8 gallons of brine of this strength to yield a bushel of salt. Its value as compared with other Michigan salt wells will be seen from the following list of wells with the showing of the Salinometer:

Well at Portsmouth, Bay County, 54.

Gillmore Well, Bay City, 65.

Swift & Lockwood's Well, Saginaw City, 86.

East Saginaw Salt Manufacturing Co.'s Well, 80.

Banger Salt Manufacturing Co.'s Well, Bay County, 95.

Ayers & Co.'s Well, Huron County, 88.

Grant & Co.'s Well, Iosco County, 85.

Sand Beach Well, Huron County, 84.

Ryerson, Hills & Co.'s Well, Muskegon, 99.

Messrs. Ryerson, Hills & Co. are making energetic preparations to push the salt making business in the early spring. Piles were driven last fall to serve as a foundation for a salt block that will be put up, as soon as weather will permit. Its size will be 208x125 feet, and it will contain six graneries 150 feet long, 12 feet wide and 20 inches deep each, and is expected to have a capacity of 250 barrels per day. They will also manufacture their own barrels and with that object in view have had extensive machinery put into one of their mills for the manufacture of staves and heading.

Several other firms in the city are only awaiting the result of the Ryerson, Hills & Co. experiment and other wells will be sunk at an early date.

FINANCIAL.

CITY FINANCES.

The fiscal year of the city government ends March 31st. The following report of the city recorder of the receipts and disbursements for the year ending March 31, 1883, will be of interest:

RECEIPTS.

Contingent Fund.....	\$71,066 66
School fund.....	46,492 64
Interest fund.....	12,800 00
Cemetery fund.....	707 51
First ward fund.....	162 82
Second ward fund.....	1,008 84
Third ward fund.....	1,471 65
Fourth ward fund.....	1,087 52
	<hr/>
	\$134,797 67

DISBURSEMENTS.

First ward fund.....	\$ 2,488 45
Second ward fund.....	3,613 95
Third ward fund.....	2,672 50
Fourth ward fund.....	2,566 35
Cemetery fund.....	1,924 58
City expense.....	5,920 73
Board Water Commissioners.....	7,750 00
City Hall.....	6,494 65
Salaries.....	3,069 23
Police.....	4,110 14
City Hall Investments.....	1,501 93
Insurance.....	300 00
Supervisors.....	1,090 00
Poor salary.....	330 00
Prisoners.....	310 83
Interest.....	12,848 00
City Hall furniture.....	4,367 37
Printing, etc.....	928 85
County treasurer.....	3,798 95
Delinquent personal tax.....	2,648 81
School district.....	43,244 00
Terrace street improvement.....	1,448 89
Poor fund.....	8,271 84
Fire department.....	7,708 93
Balance in treasury.....	5,338 66
	<hr/>
	\$134,797 64

The bonded indebtedness of the city is \$160,000 and is at 8 per cent. interest.

BANKING INSTITUTIONS.

The banks of Muskegon have been so conducted as to secure the good will and confidence of the community. They are under the management of the ablest financiers of the city. Until recently they were but two in number, but in December, 1883, the new Merchants' National was organized with a capital of \$100,000. The last published statements of these institutions shows their condition as follows:

LUMBERMAN'S NATIONAL.

RESOURCES.		LIABILITIES.	
Loans and discounts...	\$381,115 19	Capital stock.....	\$100,000 00
Overdrafts	462 95	Surplus and undivided	
U. S. Bonds.....	25,000 00	profits.....	59,664 10
Other bonds.....	1,500 00	Dividends unpaid.....	12,665 00
Due from banks.....	169,786 66	Due depositors.....	469,562 38
Due from U. S. treasurer	3,122 00	Circulation.....	22,440 38
Cash on hand.....	71,344 68		
Real estate.....	12,000 00	Total.....	\$664,231 48
Total.....	\$664,331 48		

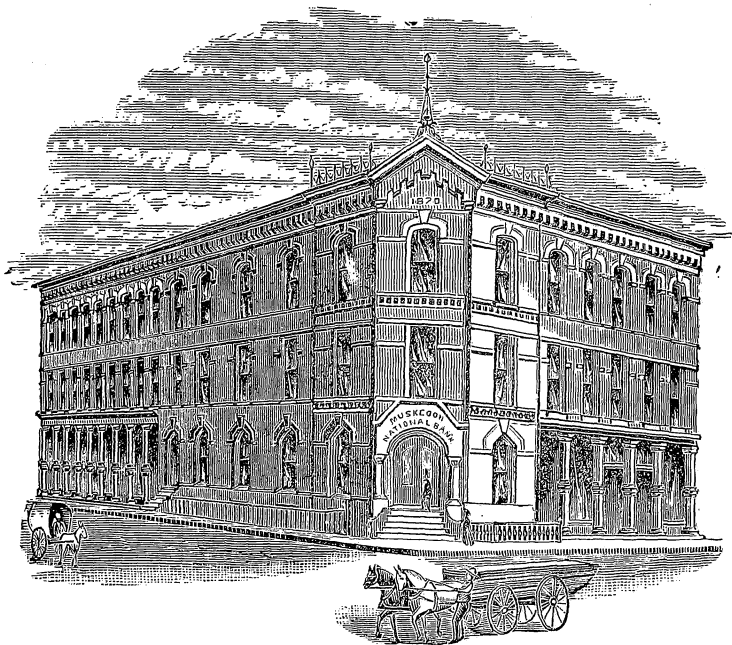
MUSKEGON NATIONAL.

RESOURCES.		LIABILITIES.	
Loans and discounts...	\$479,410 12	Capital stock.....	\$200,000 00
Overdrafts	615 29	Surplus.....	60,000 00
U. S. Bonds.....	50,000 00	Undivided earnings....	13,157 31
Other bonds.....	16,300 00	Circulation.....	45,000 00
Real estate, furniture and		Deposits.....	564,174 51
fixtures.....	32,636 74	Dividends unpaid.....	10,025 00
Due from U. S. treasurer	5,250 00		
Due from banks.....	194,850 82	Total.....	\$892,356 82
Cash on hand.....	113,293 85		
Total.....	\$892,356 82		

MERCHANTS' NATIONAL.

The Merchants' National bank was organized and commenced business December 27, 1883. It has a capital stock of \$100,000 and starts out under very favorable circumstances. It is under control of some of the best business men of the city and the stock has been largely taken by men engaged in mercantile pursuits. Its success is already assured.

We give below an engraving of the Muskegon National Bank building. It is built of stone and brick and is an ornament to the city. It is supplied with all modern appliances for convenience and comfort.



MUSKEGON NATIONAL BANK BUILDING.

MISCELLANEOUS.

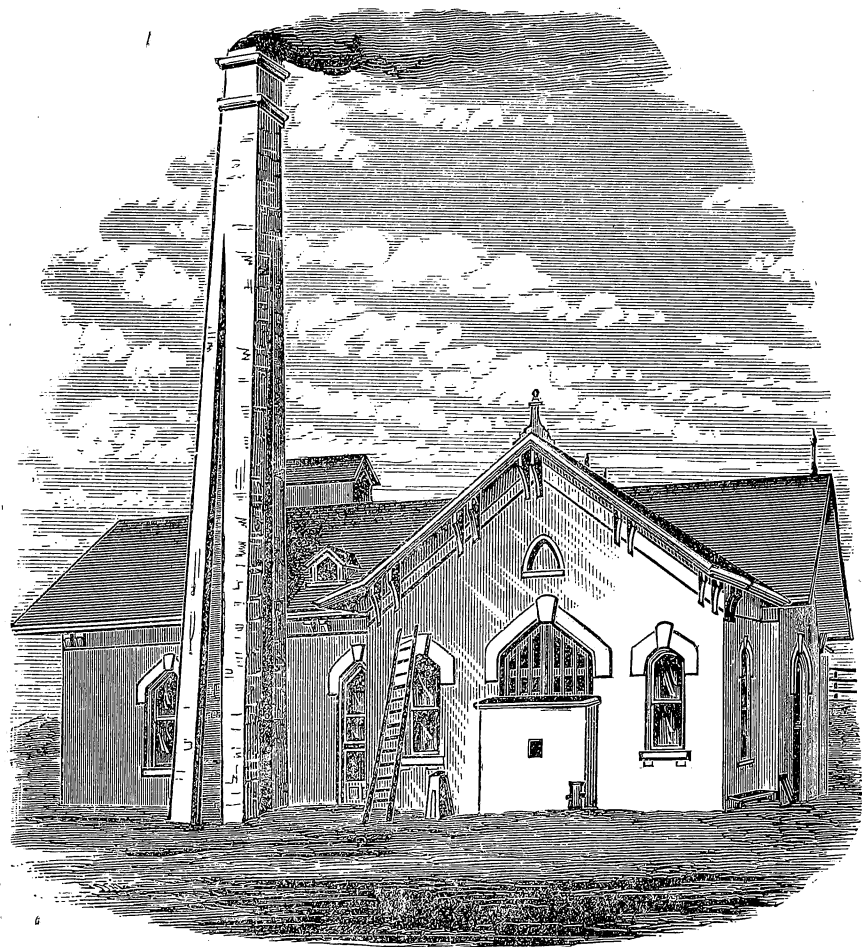
POSTOFFICE.

The Postoffice two years ago was moved into its present location on Jefferson street, near Western avenue, the building, a fine brick structure, being erected especially for its accommodation by some of the business men of the city and leased to the Government for a term of years for a nominal rent. Some idea of the growth of the city may be gathered from the fact that the total receipts of the Postoffice have increased from \$8,695.96 in 1876 to \$18,930.99 in 1883. The number of international money orders paid by the office in 1876 was 84 and 673 in 1883. The number of domestic money orders in 1876

was 3,616 and in 1883 it was 7,535, and 715 postal notes were issued during the last four months of the year.

MUSKEGON CITY WATER WORKS.

After the great fire of 1874 which swept away a large part of the city in a few hours, the people of Muskegon felt fully the imperative necessity of an efficient system of water works, that



CITY WATER WORKS.

by making water everywhere accessible in sufficient quantities should make the recurrence of such a disaster impossible. Ac-

cordingly bonds were issued and in September, 1874, preparations were made for putting in the present system of water works at an expense of about \$160,000 and work was immediately begun and prosecuted with vigor. The \$160,000 referred to as cost includes the cost of buildings, well, well-house, reservoir, water mains, hydrants and real estate at that time.

The pumping machinery is the best that could be obtained and has operated very satisfactorily, never yet having failed the city in case of emergency. The pumps now in use were made by M. Walker, of Port Huron, Mich., and were set up in 1881. Their cost was \$3,782.10. The water supply is obtained from a system of drive wells, supplemented by the water collected in a reservoir from a small brook, and is generally of excellent quality for drinking and cooking purposes, being clear and cool. The pumps have a capacity of 3,000,000 gallons daily. The amount of pipe laid in 1883 was 2,535 feet of 10 inch, 9,787 feet of 6 inch, 3,018 feet of 4 inch. The total amount of water pipe now laid and in use in the city for public purposes is 3,846 feet 16 inch pipe, 5,520 feet 12 inch, 2,535 feet 10 inch, 2,403 feet 8 inch, 64,319 feet 6 inch and 14,141 feet of 4 inch, making a total of 92,764 feet or $17\frac{3}{4}$ miles.

The pump house, which is shown on another page, is built of brick and is substantially built and well adapted to its use.

TELEGRAPHIC..

Muskegon has telegraphic communication with the outside world through the wires of the Western Union Telegraph Company. There are four telegraph wires running into the city, and giving it convenient communication with all parts of the country. The Muskegon office is an important relay point for all points north on the lake shore and also on the Big Rapids line of the Chicago & West Michigan R. R. Several operators are employed and an extensive local commercial business is done.

TELEPHONIC.

The convenience of the telephone in the transaction of business, has rendered it a necessity to almost every business community, and hence the developement of the telephone service in

Muskegon has been rapid and extensive since its introduction in 1879. There are now ninety-five miles of wire in operation in the city and suburbs and two hundred and sixty subscribers, sixty of which are private residences and the remaining two hundred are business offices, mills etc. Muskegon now has connection by telephone with seventy towns, and it is probable that the service will be extended north in the spring, far enough to include Manistee. The Muskegon exchange is in excellent hands and the central office is kept open day and night.

TUG ASSOCIATION.

The Muskegon Tug Association was organized in 1882 for purposes of mutual protection among tug owners. The association owns the tugs Alice E. Getty, North Muskegon, John Torrent, Newell Avery, Frank Geele and G. P. Kingsbury, all of which are engaged in the towing business at this port. The property owned by the association is valued at about \$45,000. The following are the officers of the association: Pres., P. Pillow; Sec'y, Alex. Cleghorn; Treas., C. C. Allen. Their office is in the Gustin block on Western Avenue.

MUSKEGON DRIVING PARK ASSOCIATION.

The above organization has a capital stock of \$10,000 and controls one of the finest racing tracks in western Michigan. It will hold two meetings during the season of 1884, one in June and one in September; Thomas Merrill is president of the association.

COMMERCIAL INTERESTS.

In the retail line the leading departments of trade are well represented in the city, the dry goods, hardware, furniture, grocery, drug, and shoe stores ranking well with those of cities of the same size in any part of the country. There is, however, room for some specialties in the retail line. The wholesale trade has not assumed that magnitude that it should, owing, perhaps, to the fact that those engaged in commercial pursuits found sufficient occupation for their capital in the retail trade. In the last three or four years, however, more attention has been given to jobbing and now several houses do quite an

extensive wholesale business, representing the following lines: Drugs and notions, tobacco and cigars, meats, liquors, and groceries.

The extensive additions to our railroad connections recently made, and our cheap water transportation, together with the convenient location of the city to northern and central Michigan render it certain, however, that the wholesale trade can be very largely increased here with profit, and already some of our enterprising merchants are taking steps in that direction. There are two houses in the city doing a profitable commission business, and there is room for more.

HOTELS.

The leading hotels of the city are the Occidental and the Arlington, both of which are well conducted and have established desirable reputations as places of entertainment. The American House is also well managed and is doing a profitable business. There are several smaller hotels located in various parts of the city.

STREET IMPROVEMENTS.

Until the last few years Muskegonites considered their streets good enough for practical purposes when thoroughly covered with a heavy coating of sawdust, if not much traveled, or when planked over with heavy three inch pine boards, if thoroughfares, but these methods of paving were at last found inadequate to stand the wear of the constant use to which they were subjected, and the city authorities finally adopted cedar block pavements as a substitute. Since the adoption of this kind of pavement, cedar blocks have been laid as follows; on Western avenue from Jefferson street to Pine, 676 feet 42 feet wide; Western avenue from Pine street to Eastern avenue, 680 feet, 24 feet wide; Pine street from Western avenue to Myrtle street, 1,859 feet, 42 feet wide; First street a distance of 300 feet; Third street from Western avenue to South street, 1,860 feet, 24 feet wide. Contracts have been let for paving in the same manner Western avenue from Jefferson street to Eighth street, 3,549 feet, 42 feet wide; Western avenue from Eighth street to Barclay street, 3,211 feet, 34 feet wide; Terrace street from Western

avenue to Clay avenue, 340 feet, 42 feet wide. The contract has also been let for paving Terrace street from Clay avenue to Irwin street, 4,700 feet, 34 feet wide, with gravel.

Last year very extensive improvements were made in the sidewalks and street crossings and a large amount of new work was put down.

SEWERAGE.

There is, as yet, no system of public sewerage in operation in the city, but last fall the City Council authorized Major George T. Clarke to make a sanitary survey of the city, with reference to the adoption of some system of public sewerage. The survey has been made and a sanitary chart of the city is now in course of publication embodying the results of the survey. The city was found to be very favorably situated for sewerage purposes and it is very probable that a system will be introduced during the coming season.

CITY PROPERTY.

The following is the estimated valuation of the corporate property of the city:

Water works, ground, etc.....	\$225,000 00
School property.....	126,000 00
Evergreen cemetery.....	25,000 00
Oakwood cemetery.....	10,000 00
City Hall and grounds.....	35,000 00
Fire department	73,000 00
Miscellaneous, real estate, bridges, etc.....	12,000 00
Total.....	<u>\$506,000 00</u>

NEWSPAPERS.

There is no means by which one can judge better of the intelligence and progressiveness of a community than by the support extended to its newspapers. A city in which a live, energetic newspaper can be successfully published is a good place to live in, and judging Muskegon by its newspapers the verdict is favorable, as they compare well with the papers published in any city of the same population in the west.

The Chronicle is published daily and weekly and is Republican

in politics. Its publishers, McKay & Dana, are scholarly gentlemen and thoroughly understand what constitutes a good newspaper.

The News and Reporter is Democratic in politics and is issued daily and semi-weekly. Its publisher, Mr. F. Weller, is one of the oldest and most experienced publishers in the state.

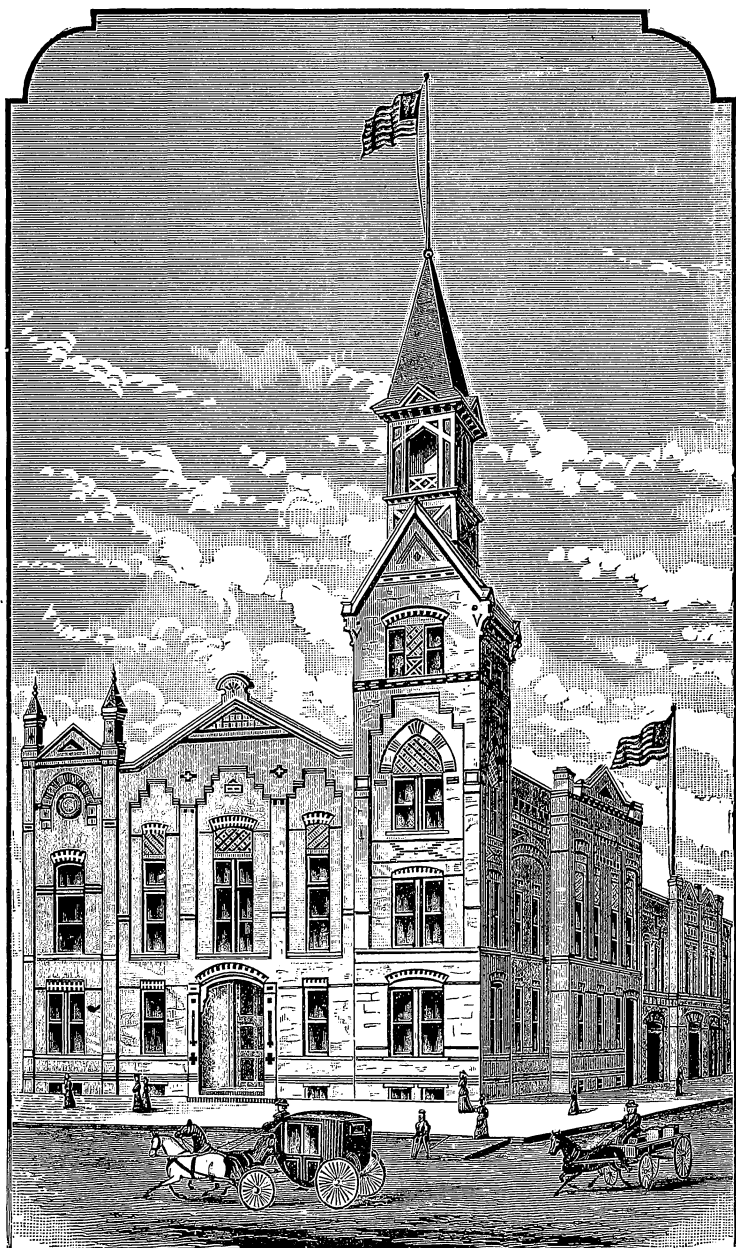
The Workingman's Journal is a comparatively new enterprise and is published by Mr. W. T. Kimsey in the interests of the Workingmen's party. It is issued daily.

THE CITY HALL.

The City Hall, of which the accompanying cut is a fair representation, was built in 1881-82, at a cost of \$25,000, exclusive of the grounds, which were previously the property of the city. The building has a central location at the corner of Clay avenue and Jefferson street, and is a substantial and elegant structure. It is built of brick and stone and is 64 by 172 feet on the ground and three stories high, including the basement. It is surmounted by a fine bell tower 127 feet high and a hose tower 70 feet. From the bell tower an excellent view of the city is obtained. The main building contains rooms on the first floor for police court, marshal's office, city recorder, general offices, water commissioner's office, and two vaults. On the second floor are council chamber, two committee rooms, a hat room, the city surveyor's office and one vault. There are also commodious halls on each floor. The rear part of the building is occupied by the fire department and contains hose cart room, supply room, sitting room, hose tower, bath rooms, etc., with a hall 61 by 25 feet, and sleeping apartments for the firemen on the second floor. The entire building is heated by steam.

STREET RAILWAY SYSTEM.

The Muskegon street railway was built in 1882. The line is four and one half miles in extent, running from the upper depot of the C. & W. M. Ry. to the village of Bluffton, and passing all the principal hotels, business houses and lumber offices in the city. The gauge of the track is $3\frac{1}{2}$ feet. The equipment consists of eight cars and thirty horses. The capital stock is \$33,000. The line is popular and is steadily increasing in the extent of its business.



CITY HALL BUILDING.

CITY LIGHTING SYSTEM.

The city is well supplied with facilities for lighting streets and buildings. The mains of the Muskegon Gas Light Co. reach a large portion of the city and it furnishes gas for a large number of residences and business houses, besides for street lighting purposes. A large number of business houses use the electric light. The Brush system is in use and gives good satisfaction. Within the past few months over one hundred naphtha lamps have also been placed upon the streets in the less frequented parts of the city.

FIRE DEPARTMENT.

The fire department was reorganized in its present form in July, 1881. The department consists of a chief and one assistant, with one truck and five hose companies. The hose companies include forty-five men and seven horses, two of them using hand carts and three horse carts. During the year the department was called out by a total of 80 alarms, 68 of which proved to be for actual fires. The property placed in jeopardy carried an insurance of \$409,700. The actual loss from fire and was \$19,383.87, and the amount of insurance paid was \$14,173.87, leaving and uninsured loss of \$5,210. The above items include two heavy lumber fires. The cost of the department the past year was \$9,000 and the property belonging to it is valued at \$73,000. Its monthly pay roll amounts to \$528.42. Mr. P. J. Connell is the present very efficient chief.

MUSKEGON BASE BALL CLUB.

The Muskegon base ball club is at present under able management and is regarded as a very strong club. It was admitted to the Northwestern League last winter and expects to win laurels the coming season. It has commodious grounds in the suburbs of the city.

THE UNION YACHT CLUB.

This club is composed of several of the leading young men of the city. It has a capital of \$5,000 and owns a fine yacht, purchased last season,

MUSKEGON COUNTY SPORTSMEN'S ASSOCIATION.

This association was organized in 1882. During the summer season it has weekly practice days on the grounds of the association, which are well fitted up for that purpose.

MUSKEGON AS A HOME.

In looking out a new location one of the first questions in importance is, "What advantages does it offer for a home?" Though, on first acquaintance, Muskegon may not present as many inducements as some other sections of the State, it is likewise certain that when the merits of this locality are sufficiently understood to be properly appreciated, its desirableness as a place for residence becomes apparent. We doubt very much whether there is a locality in the State that has more natural advantages which go to make a pleasant and healthful home than the region in the vicinity of Muskegon, Bear and Mona lakes.

SOCIETY.

Man is a social being, and it is but natural that one of the important considerations with him in selecting a home is the social relations with which he and his family will be brought in contact. Muskegon has to some degree the characteristics common to new cities, the absence of caste in social circles and the greater potency of cash than blood. Good character and good breeding are, however, essential qualifications to admission to good society here, as elsewhere, and there is in the city a very large circle of educated and refined people who compare very favorably with those in any like community. Though Muskegon has what may be called a much mixed population it may also be called a very social city. Social observances receive much attention and no one making his home here need fear that his family will suffer in respect of society.

PUBLIC AMUSEMENTS.

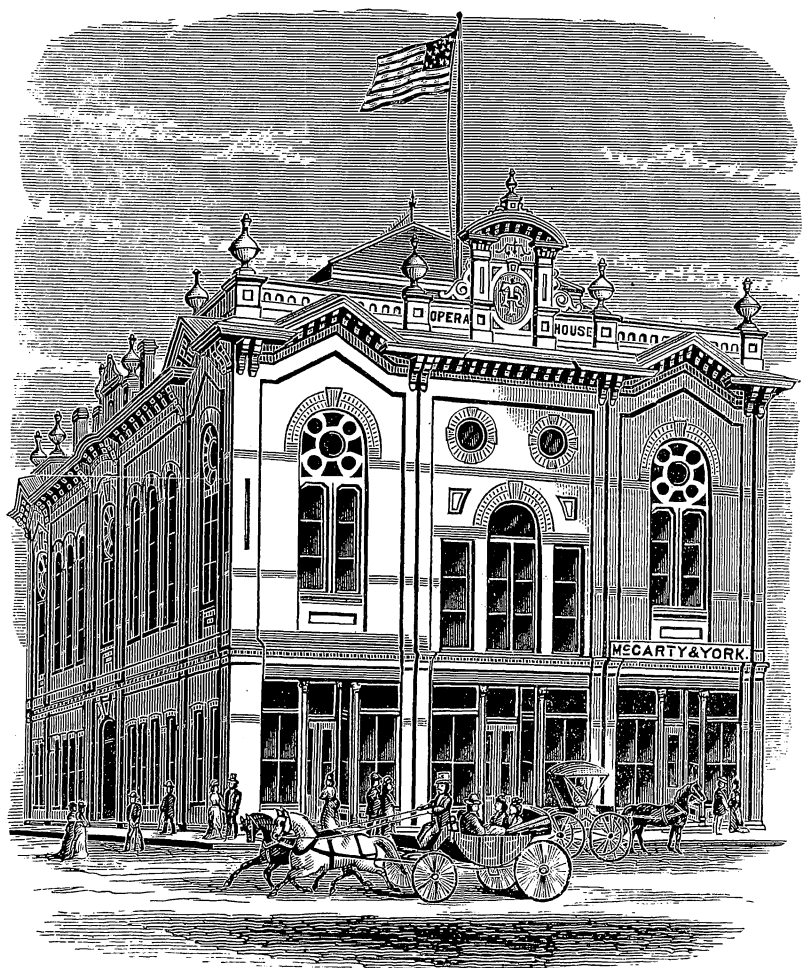
In the matter of public amusements Muskegon is not behind her neighbors. She has an excellent opera house with a seating capacity of about one thousand and on its stage are represented nearly all the leading plays and operas of the day by most of the leading stars before the footlights. She is decidedly an

amusement loving city and when any piece of true merit is put upon the stage here it is sure to draw a large and appreciative audience. The opera house was built in 1877 and '78 by the Temperance Reform Association of the city, at a cost of about \$25,000. The building, of which the accompanying cut is a good illustration, is of solid brick, sixty-six by one hundred and thirty-two feet. The time of erection was one year and a half. It is situated in the center of the city on Western avenue, the main business street; is but two squares from the postoffice and two squares from the Union school building. Its opera hall is its chief beauty, being one of the finest in the state of Michigan. Its seating is in amphitheater style. The ceiling of this room is handsomely frescoed and decorated with life-size figures of historic import. The stage is furnished with excellent shifting scenery, the front curtain showing a scene from Shakspear's play of Othello. The room is brilliantly illuminated by gas, which is lighted by an electrical apparatus. There is a fine electric light at the main entrance.

SCENERY, ETC.

The scenery about the city does not partake very largely of grandeur, yet there is that in it that is very pleasing to the average mortal. There is nothing especially grand in the slow movement of thirty thousand saw logs, remnants of the sturdy giants of our mighty pine forests, as they every day find their way through the Muskegon river into the lake and are made into millions of feet of boards and lath before nightfall, but to their owners there is something very pleasurable in the contemplation of the shekels these boards and lath will bring to their coffers. It also makes the knights of the scales and quart measure, with their squires, light of heart as they figure up the per cents. on the yards of cloth and the gallons and pounds that the conversion into lumber of these thousands of logs will enable them to count on the side of profits.

There is true grandeur in the view afforded of Lake Michigan, with its restless waves, from the high bluffs along its coast, as they splash unceasingly upon the land or are lashed into fury by the winds.



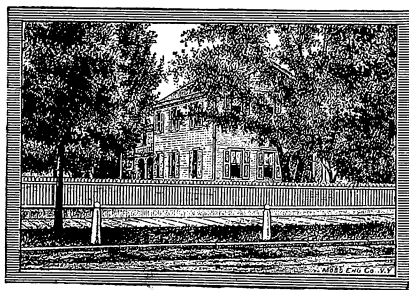
OPERA HOUSE.

DRIVES.

There are a few very pleasant carriage drives in the vicinity of the city, notably those to North Muskegon, and to Lakeside, along the shores of Lake Muskegon, and the drive from the city to Lake Harbor. These several drives afford many beautiful bits of scenery, combinations of land and water and rich foliage, along the banks of Muskegon, Bear and Black lakes, which are scarcely surpassed by those in any other locality in the northwest.

FISHING AND BOATING.

The summer resorter who is in search of cool breezes, fine fishing and good boating facilities, with sufficient seclusion, and yet does not wish to get out of reach of civilization, will find his heart's delight about Muskegon and the beautiful lakes referred to in her vicinity. The locality, though less advertised for these purposes, is not surpassed in the state. Bear lake is one of the finest rowing grounds in the state and was the scene of the last regatta of the Northwestern Amateur Rowing Association.



RESIDENCE OF DAVID McLAUGHLIN, TERRACE STREET

HEALTHFULNESS.

On this topic we quote largely from a recent article by Dr. J. P. Stoddard, late president of the Western Michigan Medical Association, and president of the Muskegon Sanitary Association, and who is one of the best authorities on the subject. He says:

“That which makes one place more salubrious than another

depends on many and diverse conditions. As a few of these, may be mentioned climate, soil, the water supply for drinking and domestic purposes, the environment, the force, direction and persistence of prevailing winds. These are only a few of the natural conditions or circumstances that might be noticed here, for space forbids much prolixity, but it is the character of these conditions which to a great measure makes the sanitary reputation of any city good or bad. In the case of Muskegon these are favorable to good health, and we claim for the city, emphatically, such a reputation, even much above the average of that of the towns and cities on the east shore of the great lake. This is accounted no small praise, when it is remembered that most of these lay claim (and justly) to the distinction of being health resorts, to which yearly hosts from interior and less favored cities come to pass the hot and sickly months of summer.

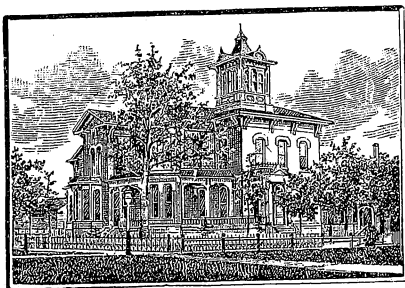
A residence in Muskegon extending over a number of years leads conclusively to a similar opinion. Physicians practicing here confirm the same statement. Further, a study of the vital statistics of the city for the year 1882, as reported by the supervisors, not only sustains the same conclusion, but lends to it the certainty of palpable facts. The number of deaths thus reported from the four wards aggregate 186. Taking the city population to be 18,000, it gives a death rate of one and one-thirtieth out of every one hundred persons, an exceedingly low per cent. If, now, we take from this number of deaths those drowned and those killed at and around our saw mills and factories, it would still farther reduce the death rate from sickness, making it less than one per cent. It is quite doubtful if any city of equal population in the state can make as good a showing.

It is now proper that these favoring conditions be more specially noticed. And first of these and most important to be mentioned is

OUR CLIMATE.

This is very equable, situated just far enough from Lake Michigan to escape its fogs and highest winds, we are yet near enough so that our summers are never hot, but are constantly tempered by the cool lake breezes. The mercury scarcely ever rises into the nineties, and never for more than a few hours at a

time, thus saving us from that excessive and exhausting heat that kills so many of the young, of the very old, and of otherwise feeble people. On this account summer complaints are less frequent and fatal than in less favored cities.



RESIDENCE OF A. V. MANN, WEBSTER AVENUE.

During winter the mercury very seldom indeed falls below 5 degrees or 6 degrees below zero, generally remaining 10 degrees to 15 degrees above. Our mild winters are due in a great measure to the qualifying influence of Lake Michigan, whose temperature rarely falls below 40 degrees, which is 8 degrees above the freezing point of water.

Thus our summers are never very hot, and our winters, though long, are never extremely cold. It is this equable character of our climate which conduces so much to the general good health of our city."

In proof of our assertions respecting the mild climate of this shore we quote the following paragraph from an able report by Prof. Alexander Winchell, a scientist of national reputation: "During the winter Lake Michigan may be regarded as a great natural stove holding and slowly radiating the heat absorbed during summer from the solar fires, eked out by an unfailing accession of heat from beneath—the lake being 1,000 feet deep—yielded by the reservoir of igneous force imprisoned within the earth. The January climate of New Buffalo is as mild as that of Cincinnati. Traverse City corresponds in this respect with Omaha, Muscatine, Ottawa and Aurora. The winter isotherm of 22 degrees is deflected by the influence of Lake Michigan over a belt of four and a half degrees of latitude. This is more than 300 miles in a straight line and is equal to the distance from

Mackinac to Fort Wayne. Another fact strikingly exhibited is the difference between the opposite sides of Lake Michigan. The winter mean of Chicago is $22\frac{1}{4}$ degrees, while that of New Buffalo, directly opposite, is 30 degrees. The mean of Milwaukee is $20\frac{1}{2}$ degrees, while that of its vis-a-vis, Muskegon, is 25 degrees. These climatic peculiarities of the eastern shore of Lake Michigan sustain most important relations to its agricultural and pomological capabilities. Fruit trees and shrubs which escape destruction through the winters of central Illinois and Missouri are found to enjoy equal immunity all the way from New Buffalo to Northport—a distance of 225 miles in a right line. During the period of verdure the genial influence of the lake secures them from the early and late frosts, which are not unfrequently felt as far south as Missouri and Kentucky. The growing season is consequently as long and very nearly as warm as central Illinois. The equability of the climate is considerably greater; while the persistent, chilling and destructive winds which characterize the southwest are comparatively unknown. At the same time the soil of the entire belt, from Indiana to Grand Traverse Bay, is worthy of the climate. Though decidedly sandy, and, at first, uninviting, it is proven, both by investigation and experience, to abound in those alkaline substances requisite for the highest luxuriance of ordinary vegetation.”

SECOND, THE SOIL.

“This being of a sandy nature does not allow the accumulation of water in pools, where it becomes stagnant and breeds miasmatic or disease germs. A few hours after a severe rain storm no standing water can be seen. It rapidly sinks beneath the surface, where it is innocent to produce evil consequences to the public health.

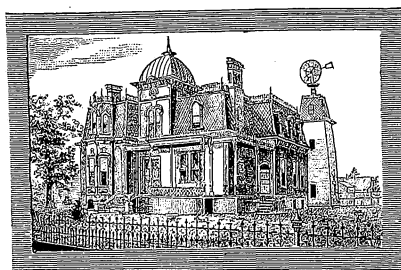
THIRD, OUR SURROUNDINGS.

On the west and the southwest we have Lake Michigan, and on the north Lake Muskegon, which is a pure and running body of water, being fed by the Mukegon river, one of the longest streams in the State. On the east were formerly some low and damp places, but as these are at present nearly filled up their deleterious influence is not felt. On the south and southeast the

grounds are high and dry. The only locality then that is at all unfavorable to public health is the low and partly overflowed lands at the head of Muskegon Lake, and distant to the northeast of the city about a mile. But this circumstance has less adverse influence than it otherwise might have as we shall see when we speak of the

PREVAILING WINDS,

which we may consider as the fourth natural condition favorable to good health. These are generally from the west or southwest, thus bringing to our doors the health-giving atmosphere of the great lake, and sending far inland the malarious influences that may arise from the less salubrious localities to the northeast of the city. And the persistence of the winds from these directions is remarkable. Probably no day passes during which we do not experience a cool lake wind, lending to each one greater vigor and procuring sound sleep at night. It is entirely safe to say, owing to this cause more than any other one thing, that malarial fevers are no more prevalent than in most localities in Michigan.



RESIDENCE OF E. C. MISNER, NORTH MUSKEGON.

FIFTH, THE WATER SUPPLY.

That furnished by the city is of good quality and in abundance, being taken in most part from numerous drive wells sunk from fifteen to twenty feet below the surface, giving a quality of water superior to any lake or river water, and always much cooler. With ordinary care and fore-thought on the part of the city authorities, this may be kept pure, and by simply multiply-

ing these wells may be had in sufficient quantity to supply a city of three times the present population.

And last, but not least, we may refer to one other consideration, which, while it does not add beauty to the city, is of no mean importance in a sanitary point of view, and that is the great quantity of manufactured pine in all shapes, piled in every locality, especially around the margin of the little lake, and the pine sawdust found everywhere, and in most everything, is not to be forgotten. Arising from these is that

PUNGENT RESINOUS ODOR,

which favors very much the production of ozone, that agent which more than anything else destroys malarial poison and other disease germs. It acts like the constant presence of a thunder storm to purify and invigorate our summer atmosphere.

In the past Muskegon has been visited by very few epidemics of such fatal and terrible diseases as smallpox, diphtheria, scarlet fever, etc. To be sure we have not wholly escaped, but their visitation has been mild compared to many much smaller towns, and even rural localities.

EDUCATIONAL INTERESTS.

In educational matters the city of Muskegon is fully abreast of the times, and her schools under the management of Supt. C. L. Houseman, will compare favorably with those of any other Michigan city. A broad and enlightened public spirit has been manifested by the people in the treatment of all educational matters and the members of the Board of Education have been selected from the most progressive citizens. A liberal policy has prevailed and neither care nor cash has been spared in promoting the efficiency of the schools. The city now has nine substantial school buildings, with an aggregate seating capacity of 2,440, and yet there is an urgent demand

for more room, as will be seen from an examination of the following tables of statistics showing the development of the school system:

ENROLLMENT, ETC.

YEAR.	CENSUS.	ENROLLMENT.	AV. DAILY ATTENDANCE.	NO. TEACHERS EMPLOYED.
1873.....	1,933	1,341	600	18
1874.....	2,321	1,556	693	19
1875.....	2,375	1,565	804	20
1876.....	2,520	1,487	835	24
1877.....	2,781	1,537	914	24
1878.....	2,527	1,553	991	24
1879.....	2,629	1,639	1,038	27
1880.....	3,123	1,786	1,017	28
1881.....	3,807	2,015	1,288	35
1882.....	4,007	2,360	1,489	42
1883.....	4,902	2,656	1,705	47

In 1882 the amount expended in new school buildings and improvements was \$14,723.82, and in 1883 it was \$26,000.

Last year the amount paid for teacher's salaries was \$21,372.12, and the total cost of instruction was \$30,199.55.

At present there are fifty-five teachers employed in the schools.

SCHOOL BUILDINGS, COST, ETC.

NAME OF BUILDING	WARD.	BUILT OF.	ROOMS.	SITTINGS	VALUE.
Central.....	Third	Brick	13	641	\$ 58,000.00
House No. 1.....	First	Wood	2	113	2,000.00
" No. 2.....	First	Wood	4	214	3,500.00
" No. 4.....	Third	Wood	2	99	2,000.00
" No. 5.....	Fourth	Wood	3	161	2,500.00
High School.....	Second	Brick	3	154	10,000.00
Pillsbury School.....	First	Brick	6	291	10,000.00
Nelson School.....	Fourth	Brick	8	380	18,000.00
Ransom Street.....	Second	Brick	8	387	20,000.00
Totals.....			49	2,440	\$ 126,000 00

Each year an ungraded school is conducted in the Central building for the purpose of accommodating pupils of irregular grade who cannot attend school through the whole year. The enrollment in this department this year aggregates 113.

This year a night school has been organized in the same building to accommodate persons who for any good reason cannot attend the day schools. Citizens of any age are admitted and quite a large number of persons in middle life are attending its sessions. The total enrollment thus far is 250.

A recent movement, in advance, is the organization of an in-

dustrial school, the design of which is to teach needlework or some other useful employment to the children. The attendance is very large and the indications now are that it will become a permanent feature of the schools.

PRIVATE AND PAROCHIAL SCHOOLS.

There are a number of flourishing private schools in the city, with an aggregate attendance of near 1,000 pupils; among them are the St. Mary's, St. Joseph, and St. John Baptist, all Catholic, and several schools under the patronage of the Holland churches. A private kindergarten school will be opened for pupils April 1st.

PUBLIC LIBRARY.

The public library contains 4,000 volumes and large additions are made to it yearly. Last year 273 volumes were added. It is under the control of the Board of Education and is very largely patronized by the public. All inhabitants of the city may have access to it by complying with the rules of the library.

CHURCH INTERESTS.

The various religious societies of the city seem to be in a prosperous condition. They are aggressive in their work and are accomplishing much good. We give below some statistics of the several societies, showing the value of the church property, etc.

NAME.	SOCIETY ORGANIZED..	BUILDING ERECTED.	VALUE OF CHURCH PTY.
Congregational	1859	1883	\$ 28,000.00
Methodist Episcopal.....	1856	1859	20,000.00
Baptist.....	1870	1871	3,500.00
Dutch Reformed.....	1859	1865	12,000.00
St. Paul's Episcopal.....	1857	1875	10,000.00
Universalist.....	1862	1866	5,000.00
Norwegian Lutheran.....	1864	1869	2,500.00
Swedish Evangelical.....	1875	1881	3,500.00
Holland Reformed.....	1868	1882	10,000.00
St. Mary's Catholic.....	1835	1857	25,000.00
Swedish Elim. Baptist.....	1881	1882	2,500.00
St. Johns, Evan. (German)...	1882	1882	7,000.00
St. Joseph's, Catholic.....	1883	1883	10,000.00
Danish Lutheran.....		1874	5,000.00
* St. John Baptist (Catholic)	1883	1883	25,000.00
Total.....			\$ 169,000.00

St. John Baptiste Catholic church building is not yet completed and the above valuation represents the finished structure. The dates given for the erection of the several church buildings, relate to the present edifices. Several of the societies had churches previous to the above dates, but they have been rebuilt.

SECRET AND BENEVOLENT ASSOCIATIONS.

The leading secret and benevolent organizations of the country are well represented in the city and most of the local societies are in a prosperous condition.

MASONIC.

The Masonic order is in a flourishing condition and numbers among its members many of the best and most prominent citizens. The Masonic Hall is located in Landreth's block. It is 25x60 feet and has a 17 foot ceiling, with a fine dome, being beautifully frescoed and is finished in black walnut. The hall is elegantly furnished and is regarded as one of the finest in the state. The following lodges are represented in the city: Muskegon Commandery No. 22, K. T., instituted June 3d, 1868; Muskegon Chapter, No. 47, instituted January 8th, 1867, Muskegon Lodge, No. 140, chartered January 16th, 1863; Lovell Moore Lodge, No. 182, chartered January 11th, 1866.

I. O. OF O. F.

Odd Fellows' hall is at present located in Baker's block on Western avenue, but the order contemplates the erection of an elegant building and hall on the corner of Clay avenue and Terrace street the coming season. The order is prosperous. The following are the names of the different lodges with time of meeting:

Muskegon Lodge No. 92, meets every Friday evening; Germania Lodge No. 179, meets every Thursday evening; Davis Encampment No. 47, meets the first Monday of each month.

KNIGHTS OF PYTHIAS.

K. P. hall is located in Mason's block and has been recently refitted. It is an elegant hall, expensively furnished, and is scarcely surpassed in the state. The order is represented in the city as follows:

Division No. 2, regular meetings held the first Monday of each month; Muskegon Lodge No. 32, K. of P., meets every Monday evening. Chartered 1877.

ROYAL ARCANUM.

The Royal Arcanum has a large membership in the city and includes many prominent citizens. Its meetings are held the first and third Wednesday of each month.

KNIGHTS OF LABOR.

This organization is represented by four local assemblies and a district assembly. The membership is large.

TEMPERANCE.

The temperance cause has been very prosperous and active in the city for several years past. The following are the existing organizations: Muskegon Lodge No. 288, I. O. G. T., meets every Tuesday evening in the opera house block. It was chartered in 1880, and has the distinction of being the largest lodge in the state.

Union Lodge No. 660, I. O. G. T., meets every Wednesday evening in its hall on Pine street. It was chartered in 1884.

Connell Temple No. 65, I. O. G. T., meets on the 2d and 4th Fridays of each month. Chartered in 1883.

WOMAN'S CHRISTIAN TEMPERANCE UNION.

The W. C. T. U. meets every Tuesday afternoon at the rooms of the society in the opera house block. It is an efficient organization and has done much good work.

GRAND ARMY OF THE REPUBLIC.

Phil. Kearny Post, No. 7, Department of Michigan, meets every Monday night in the Mather-Outwaite block on Western avenue. It is in a flourishing condition. The present commander is James Cavanaugh.

MUSKEGON ARBEITER UNTERSTUETZUNGS VEREIN.

The above society owns an elegant brick business block on Terrace street, erected at a cost of \$15,000. It has a large dancing hall on the second floor, the finest in the city. Its meetings are held on the 1st and 3d Mondays of each month.

LA SOCIÉTÉ ST. JEAN BAPTISTE.

The regular meetings of this society are held bi-monthly, in their hall on Western avenue.

CITY MISSIONARY SOCIETY.

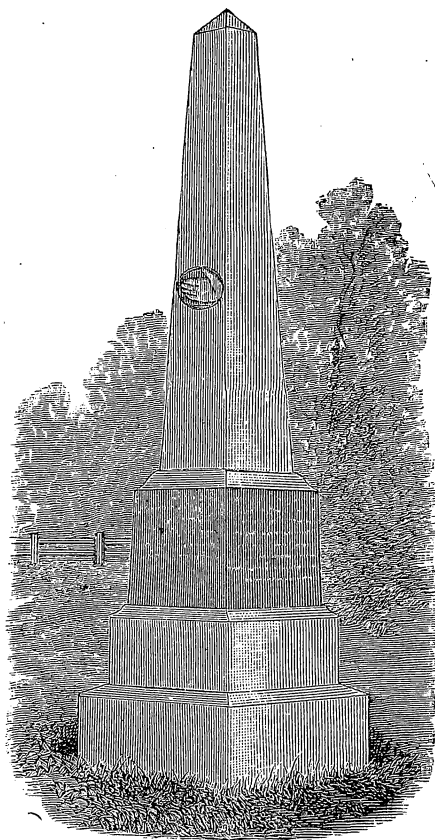
This organization is under the management of some of the leading ladies of the city and has for its object the relief of the poor. It is doing a noble work, and well deserves the assistance and good will of the community.

CEMETERIES.

Inasmuch as death comes to every one sooner or later, and as cremation societies have not yet gained any firm foothold in Western Michigan, persons looking for homes in this section will probably want to know something of our cemeteries. In this respect we are compelled to say, that a short sighted policy has prevailed. The original settlers of Muskegon, it seems, acted upon the idea that any distance at all from lake Muskegon was "a long way out." They seem never to have dreamed that the then straggling little village could grow into a city, hence, we find the first cemetery of the town, now called the "old cemetery," located only a few blocks from the main business part of the city and in the heart of the residence portion. It has, however, long been unused and is now being converted to other uses. It is now conceded by every one that a great mistake was made in selecting its location, yet with this lesson before them the founders of "Evergreen Cemetery" exercised but little better judgment, for while they selected their site some twelve blocks farther from the lake, it was but little beyond the then limits of the residence portion of the city, and now in the space of only a few years the city has grown up to it and is crowding beyond it, and some of the most extensive

manufacturing establishments of the city are in its immediate neighborhood.

Evergreen Cemetery, however, under the management of the Ladies' Cemetery Association, is kept in good condition and during the summer season is a beautiful spot. It contains some elegant and costly monuments, is supplied with water from the city water works and compares favorably with cemeteries in other cities of the same population as Muskegon.



THE JONATHAN WALKER MONUMENT.

Evergreen Cemetery is the burial place of Jonathan Walker, the subject of Whittier's poem, "The Branded Hand," who achieved prominence during the anti-slavery agitation as a pub-

lic lecturer on the question of slavery and also by the assistance he rendered in the colonization of escaped slaves. He was publicly branded on the right hand with the letters S. S. (Slave Stealer) in 1844 by a Florida mob. A fine monument, shown in our illustration above, was erected to his memory in 1878 by his friend and co-worker, Rev. Photius Fisk, of Boston.

On the north side of the monument is the following quotation from Whittier's poem:

"Then lift that manly right hand
Bold ploughman of the wave,
Its branded palm shall prophesy
Salvation to the slave.
Hold up its fire wrought language,
That whoso reads may feel
His heart swell strong within him
His sinews changed to steel."

Evergreen Cemetery, however, only contains ten acres of ground and two years ago it was found to be too small to answer the purposes of the city, and a new cemetery had to be determined upon or more territory added to Evergreen. With the same short-sighted policy which prevailed in selecting sites for the other two, a piece of land containing 43 acres adjoining Evergreen Cemetery was determined upon and Oakwood Cemetery laid out at considerable expense to the city, and already a number of interments have been made. The folly of this location will be seen when it is considered that already the residence portion of the city is crowding up to and beyond it, that three very large manufacturing establishments are located upon its border and that some of the most valuable manufacturing sites of the city are in the actual territory of the cemetery. There are plenty of other locations just as good, some better, sufficiently near the city yet beyond her probable limits for years to come, which can be obtained on very reasonable terms and where the dead may rest in peace and quiet without encroaching upon the convenience or injuring the health of the living. The question of the removal of the new Oakwood Cemetery to some more favorable location has of late been much agitated and we think it is only a question of time when it will be done.

The Catholic Cemetery is located beyond the city limits and yet is convenient of access. The site is a beautiful one and well adapted to the purpose.

MERCANTILE MATTERS.

DRY GOODS.

The dry goods trade of the city is in a fairly prosperous condition, though the volume of business transacted has probably not increased very largely during the past year, owing to the depressed condition of business generally. All dry goods dealers have managed to hold their own and there have been no failures. The value of the sales during the past year will approximate \$600,000. We call especial attention to some of the leading dealers in dry goods.

NATHAN PLATT & CO.

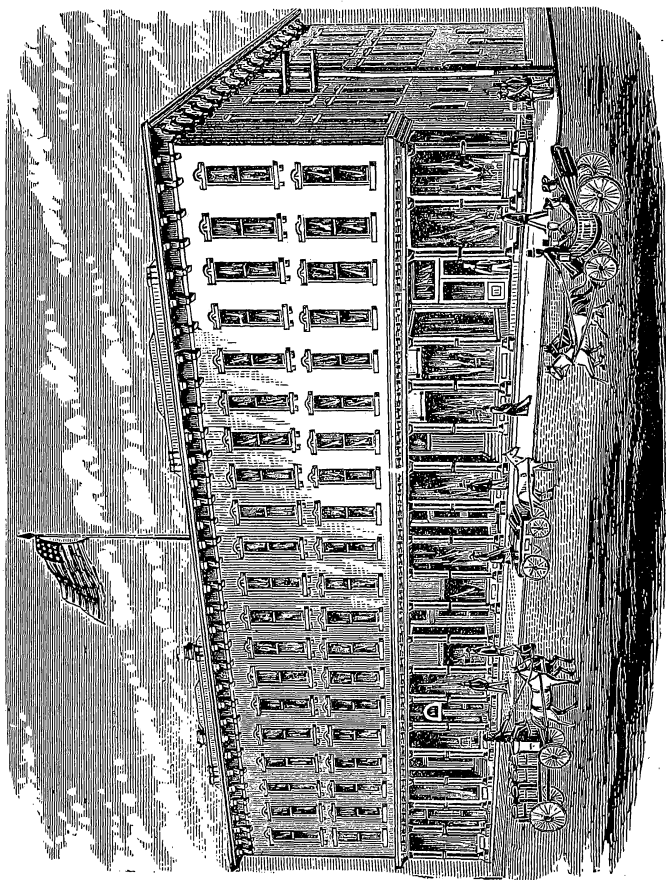
This house is one of the best known business firms in the city, and has established an enviable reputation in its special line. It has been the aim of this firm for years past to deal in the best qualities of goods, and buyers have learned that when they want a first-class article it can be found at the store of N. Platt & Co. Their store room is one of the finest and most convenient in the city and has an excellent location in Torrent's new block, (next to the Merchants' National Bank,) a fine engraving of which is shown in another part of this work. It is 22x112 feet in the main part, with a frontage on Western avenue, and has a wing 28x40 feet, with an entrance on Second street. The building was erected last year and the store room has just been elaborately fitted up, and is a model of neatness and convenience.

Mr. Nathan Platt, the senior member of the firm, is one of the most experienced dry goods dealers in the city, having been engaged in the business since 1867. The other members of the firm are among the heavy capitalists of the city. They carry a large general stock of dry goods, always selected with great care to meet the wants of the public. With the opening of

spring trade they will add a line of fine curtain and upholstery goods. Their annual sales aggregate about \$95,000.

LEAHY & CO.

The dry goods house of Leahy & Co. has long been one of the popular resorts for purchasers of fine goods. Mr. Leahy, the head of the firm, has had a large experience in his special department, and has acquired a reputation as a careful and



MASON'S BLOCK.

judicious buyer, and as a result the shelves of Leahy & Co.'s store are always filled with the most desirable goods to be found in the city. The location of their store, in Mason's block, is

central. The room has ample capacity for a very extensive business, being 120 feet deep with a wing 20x22 feet. There are two entrances, one on Western avenue and one on First St.

ERNEST A. WORDEN.

After a long apprenticeship, taken for the purpose of mastering all the details of a business which he expected to follow for life, Mr. E. A. Worden began business on his own account in the spring of 1880, at No. 103 Western avenue. When he began business he inaugurated a new era in the dry goods trade, in Muskegon, by adopting the cash system and endeavoring to give his customers the benefit in low prices and first-class goods. He has ever since adhered to his resolution to sell for cash and has succeeded in building up an extensive custom, and the rapid growth of his business indicates that it has been profitable.

His present store room has been found too small to accommodate the growing needs of his business, and sometime during the coming summer he will occupy the corner store in the new block now in course of erection by E. W. Merrill, at the corner of Western avenue and Jefferson street. He will then have one of the largest and most elegant store rooms in western Michigan, with two entrances, one on Western avenue and the other on Jefferson street. He carries an extensive stock of dry goods and fancy goods.

D. C. HIGLEY & CO.

The above firm is composed of D. C. Higley and J. D. Huntley and they have named their establishment the "Kalamazoo Store," a name now familiar to every purchaser of goods in the city. They carry a large and well selected stock of dry goods, boots and shoes and millinery. They also own a large store in Kalamazoo, Mich., and their store here was opened as a branch store in 1877, but the branch has now become as large as the stem from which it grew. They employ a small army of clerks and do a large business.

HARDWARE,

The hardware trade in this city has always been large, owing to the great demand for goods in this line by the numerous

mills and other manufactories. Dealers' report business good though not as satisfactory as last year. The aggregate sales in this department will reach probably \$500,000 annually.

JOHN A. MILLER.

Among the numerous large hardware stores in Muskegon that of John A. Miller takes a prominent position, and annually sends out its full share of goods. Mr. Miller is a thoroughly practical man, a skilled workman, and a careful business manager, and as a result of these combined qualities he has been very successful in his business, having increased it from a small beginning, when he started out for himself in 1876, to a volume that compares favorably with any other hardware store in western Michigan.

He has been a resident of the city for eighteen years, during which time he has been constantly engaged in his present business, either as foreman or journeyman workman, positions he filled previous to embarking in business for himself, or as proprietor.

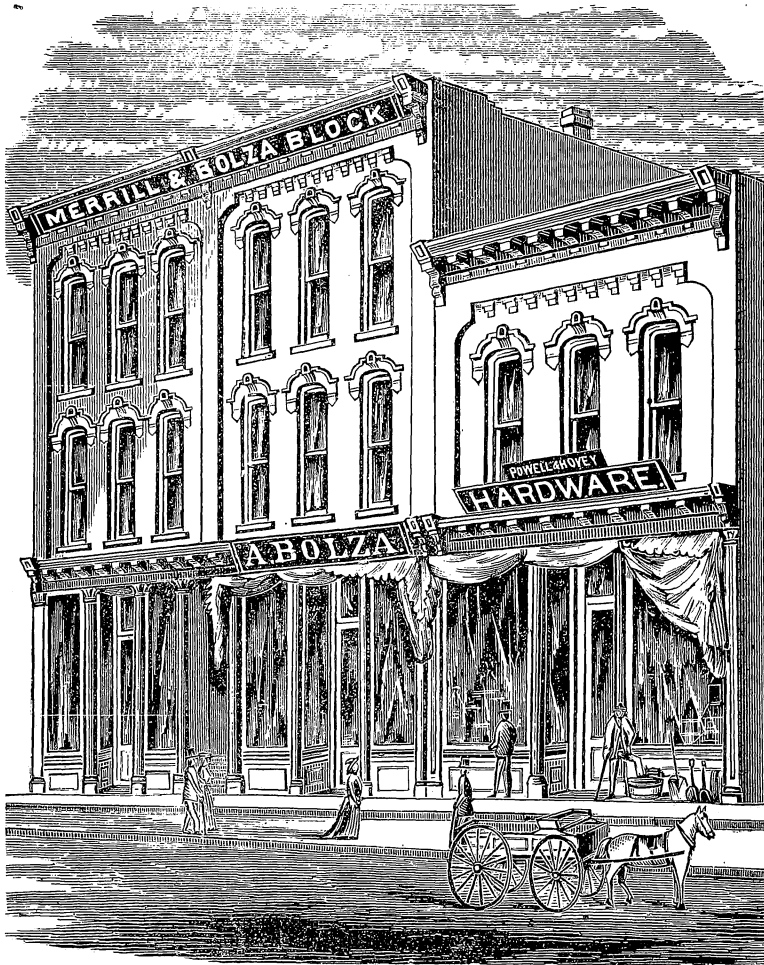
His store is located in Miller block, near the Arlington hotel, on Western avenue, and contains nearly 9,000 square feet of floor space. It is 125x22 feet and he occupies three floors, all of which are filled with his stock of hardware, agricultural implements, mill supplies, stoves, paints, oils, glass, tinware, etc., etc. His annual sales average about \$60,000.

E. B. MATHER.

Perhaps the oldest, as well as one of the most extensive hardware establishments in the city is that of E. B. Mather, located in the Mather-Outhwaite block, on Western avenue. Mr. Mather began business here in 1866 and by careful attention to business early secured a large and profitable trade. His general store room is 125x22 feet and he occupies two floors and in addition has a two-story warehouse 30x50 feet and a tinshop 22x30, making over 9,000 square feet of floor room, which is filled with his large stock of heavy and shelf hardware, mill supplies, etc.

H. N. POWELL & CO.

One of the most prosperous hardware houses in the city is that of H. N. Powell & Co. The firm was organized in June, 1882, and succeeded the old firm of Powell & Hovey, which began business in 1876. Mr. Powell, the senior member of the



MERRILL & BOLZA BLOCK.

firm, is a young and vigorous business man and has had a large experience in the hardware trade. He knows his business, at-

tends to it and succeeds. The store is in Merrill block, western avenue, is 22x110 feet and occupies three floors. The firm carries a full stock of heavy and shelf hardware, mill supplies, builders' supplies, paints, oils, etc. Its annual sales aggregate about \$65,000.

MUSKEGON HARDWARE CO.

The Muskegon Hardware Co. began business in their present location, No. 153. Western avenue, in 1880. The firm is composed of John Torrent, one of the most extensive mill operators and capitalists in the state, George R. Selkirk, Jr., and A. A. Wood. The latter, who acts as manager of the business, is an experienced hardware merchant and a careful buyer. The company does both a wholesale and retail business and has enjoyed a very extensive trade from the beginning. They carry a large stock of general hardware, builders' and mill supplies, lubricating and burning oils, etc. Something of the extent of their business may be judged from the fact that their stock occupies over 11,000 square feet of floor room, and yet they are crowded for space. An examination of their stock shows that it has been selected with good judgment to meet the demands of this special locality, and that it is kept up fully to the requirements of the trade. The whole business of the firm, in all its details, is evidently carefully looked after, and continued success and increased business are sure as long as the present management and methods prevail.

JAMES H. SMITH.

Mr. Smith last fall opened a store in his new block on First street, where he keeps a large and well selected stock of builders' hardware, paints, oils, etc. He is doing a good business and must in time secure a large trade, as he is rapidly growing in popularity.

GROCERIES.

The grocery trade of the city has always been comparatively large, owing to the fact that Muskegon has been the base of supplies for a large lumbering business along the Muskegon river and its tributaries. The volume of business for the past year

has been about the same as for the two previous years, aggregating about \$2,000,000. The city has some very fine retail stores, most of which also do a jobbing trade, and there is one exclusively wholesale house.

W. H. FLETCHER.

Among the most prosperous grocery houses of the city may be mentioned that of W. H. Fletcher, styled "Fletcher, the Grocer," located at No. 51, Western avenue. Mr. Fletcher is young and energetic, and came here believing Muskegon to be a good place to live in and make money. In December, 1881, he purchased the business of H. B. Fargo and at once began coming to the front as one of the leading grocers of the city. His aim has been to treat his customers so well, and supply them with such a class of goods that they should find it both pleasant and profitable to deal with him, and as a result of his methods he claims to have never yet lost a good customer whose trade he has once secured. He has doubled his stock since he began business and now occupies two floors 22x80 feet each. When he commenced business three employees and one delivery wagon were ample to carry on his trade; now it requires six employees and two large delivery wagons to attend to the demands of his customers. His success is well merited.

ALBERT TOWL.

Mr. Towl located in Muskegon in 1867 and at once established himself in the grocery and provision trade. From a small beginning he has increased his business so that he is at present one of the leading grocers of the city. He has always endeavored to conduct his business on the principle of "square dealing to all," and he has thereby gained a reputation for integrity which is of great advantage to him. His stock is extensive and always includes a choice assortment of the best goods the market affords.

WILLIAM BOYER.

Mr. Boyer began business in the city in 1874 in partnership with E. A. Ford, under the firm name of Ford & Boyer. In October, 1881, he purchased Mr. Ford's interest and began business on his own account, at the old stand opposite the C. & W.

M. passenger depot. He carries an extensive line of groceries and provisions and does a satisfactory business.

PALMER & KENNEDY.

The grocery house of "76 Blax 76" has long been one of the established and very popular institutions of the city. This trade name was adopted by Mr. J. C. Black, who made a fortune and retired from the business and was succeeded by his brother, T. K. Black, who in turn did a very large business. In June, 1883, Mr. T. K. Black sold his stock to the present proprietors, Messrs. Palmer & Kennedy, who had long been in his employ and thoroughly understood his methods of doing business. They carry a large stock and have one of the finest grocery stores in western Michigan. Their store room is 25x140 feet and they occupy two floors, besides a room 25x65 feet on the third floor which is devoted to their coffee roasting department. Their roaster is run by steam and they prepare all their own roasted coffees, thus insuring their purity and freshness.

H. B. FARGO. & CO.

The above mentioned firm is located in Rifenburg's block, at the corner of Western avenue and Terrace street. Their store room is one of the largest in the city and their stock is always kept full with the choicest goods in the grocery line. They do both a retail and jobbing trade, and do a very extensive business.

WM. B. KELLY.

Mr. Kelley has been engaged in business in the city for several years past. He conducted a flour and feed business for some years but has recently gone into the grocery and provision trade. He is located at the corner of Pine and Walton streets and is doing a profitable business. He stock is always fresh and equal to the demands of trade.

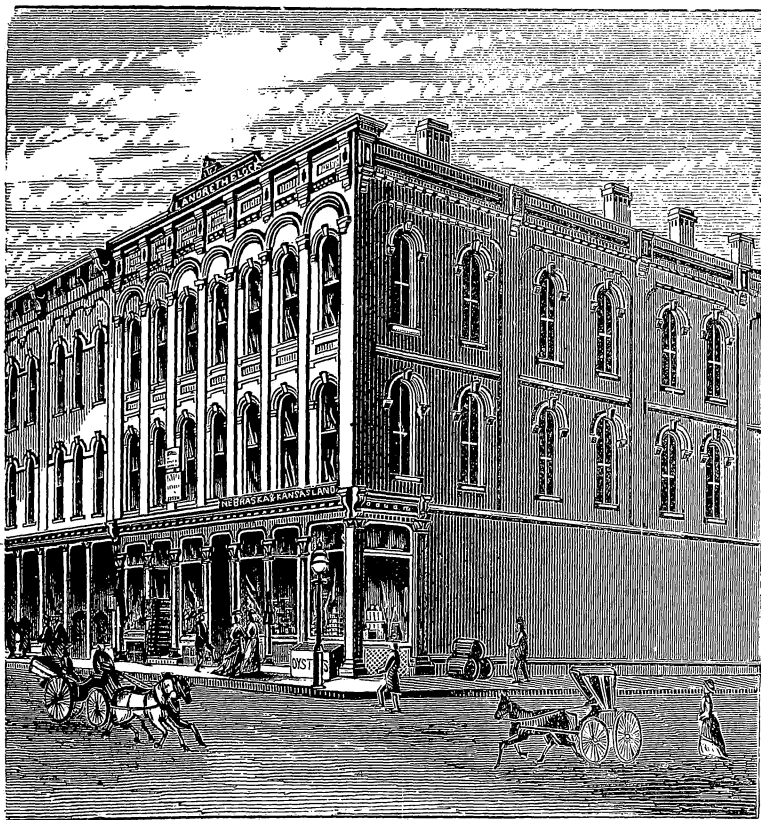
Mr. Kelly was born in Wayne Co., Michigan, in 1842, and worked on a farm till 1861. He served during the Rebellion in the First Michigan Infantry and Fourth Michigan Cavalry. He came to Muskegon in 1870 where he has since resided.

LE CLERE & STRYKER.

The above firm is one of the youngest among the leading grocery houses of the city. They came here strangers and opened their store in the new Smith block on First street. Their stock is fresh and is kept always in neat condition. They are doing their fair share of business and are building up, gradually, a desirable trade.

E. R. FORD.

Mr. Ford has been well known in his special line for several years past. He is centrally located on Western avenue, sells strictly for cash and does an extensive grocery business.



LANDRETH'S BLOCK.

O. LAMBERT.

Mr. Lambert's grocery store is located on Pine street, opposite Beerman's wagon manufactory, where he does an extensive retail business in staple and fancy groceries. He makes a specialty of fine teas, coffees and syrups and country produce. His store is always well stocked with the most desirable goods in his line.

J. B. MCCrackEN.

The grocery store of J. B. McCracken, located at the corner of Western avenue and Sixth street, has long been a favorite resort for buyers of fine and staple groceries. He has for several years been one of the very foremost of the retail dealers in the city and has also done quite an extensive jobbing trade. He has always been a close and judicious buyer and has, consequently, been able to offer the lowest cash prices to his customers. His sales have always been very large and to a desirable class of customers, including some of the leading mill operators. Mr. McCracken is also extensively engaged in the lumber business himself, owning a large interest in one of the largest saw mills of the city.

C. C. MOULTON.

Mr. Moulton is engaged in the grocery business in the fourth ward, near C. J. Hamilton's saw mill, where he is doing a satisfactory business. His store is a very great convenience to the residents of that portion of the city.

BOELKENS & SON.

The firm of Boelkens & Son is one of the prosperous grocery houses of this city. Though their business is not as extensive as some others in their line it is rapidly growing. They keep a neat store and carry a very desirable stock. Their store is at the corner of Third and South streets.

COMMISSION DEALERS.

CAREY & LANDER.

The leading commission house of the city is that of Carey & Lander, which occupies a commodious store room in the new

Wirengo block on Pine street. This firm began business only a little over one year ago, but in that time it has gained the confidence of the community by its square dealing and has a large and lucrative trade. Messrs. Carey & Lander do an exclusively wholesale general commission business. They make specialties of foreign and domestic fruits, butter, eggs and all kinds of produce. Those who do business with them can expect good prices and quick returns.

BOOTS AND SHOES.

The boot and shoe trade is well represented in the city and the stores in this line compare favorably with those of any city of similar size in the west. Dealers appear to be doing a profitable trade. They do some jobbing business but are chiefly confined to a retail trade. The sales amount to about \$150,000 annually.

W. B. CUTTER.

W. B. Cutter has a large and handsome store at No. 87 Western avenue, in Landreth's block. He began business in 1880 with R. E. Bunker, under the firm name of Cutter & Bunker, but in 1882 he purchased Mr. Bunker's interest and has since conducted the business alone. He sells strictly on the "one price" principle and carries a large stock of solid and durable boots and shoes of all grades. His trade is large and increasing.

C. L. DEARBORN.

The shoe store of Mr. C. L. Dearborn is the oldest in the city, having been established in 1869. Mr. Dearborn has long had a reputation for keeping first-class goods and a first-class store in every respect. His business has grown up with the city and has always kept pace with it, and, consequently is of a very satisfactory character. He makes a specialty of fine and medium grades of goods rather than cheap goods, believing that it always pays a buyer to get a good article. His store room is 22x100 feet and has the reputation among traveling men of being one of the finest stores in Michigan. It is the pattern of neatness and order in every department.

CHICAGO BOOT AND SHOE STORE.

The Chicago Boot and Shoe Store has been long and favorably known in this section of Michigan, and it has done an extensive trade from the beginning. It is at present under the able management of Mr. Moses Zunder, who has succeeded in greatly enlarging the scope of the business. Mr. Zunder has shown much skill and good business sagacity in conducting the business. He makes specialties of both fine and coarse goods and carries nothing but standard goods, so that he is able to meet the demands of rich and poor alike. When he took charge of the store he adopted the rule of strictly one price to all, and has made it pay. The store is centrally located, at No. 119 Mason's block, and is well arranged for the business. It is 25x100 feet in size and yet every bit of available space is filled with the stock carried by the firm. Connected with the store is a repair shop where everything in the way of boot and shoe repairs receives attention.

A. P. CONNER & CO.

The firm of A. P. Conner & Co. began business in this city June 24th, 1883, as successors to L. A. Waldron, and at once began a vigorous business campaign. They immediately closed out the old stock of their predecessor and filled their shelves with the newest styles of goods in the market, and began selling their new stock at prices that "astonished the natives." They have already built up a large and profitable trade and carry a very extensive stock. For further particulars see their advertisement at the head of the boot and shoe department.

DRUGS.

The drug trade of the city is in a prosperous condition, though competition is as sharp in this department of trade as is consistent with continued prosperity. Our drug stores compare very well indeed with those in other cities in the State.

W. B. WILSON.

Mr. Wilson has been engaged in the drug business in the city for several years and is a man of large experience, and is one of the most prominent and popular of our citizens. His store is one of the neatest in the city and his stock is complete.

FRED BRUNDAGE & CO.

The firm of Fred Brundage & Co. is one of the best known drug firms in the city. Their store is located in Landreth's block, a fine illustration of which is found in another part of this work. The firm is composed of Fred Brundage, the senior partner, and Mr. James Frazer, both of whom have had large experience in the drug business. Fred came to Muskegon fourteen years ago and has ever since been engaged in the drug trade, part of the time with his father, under the firm name of C. L. Brundage & Son.

Fred Brundage & Co., by strict attention to business and fair dealing, have succeeded in building up a very extensive trade, and, in order to reach as far as possible and accommodate other portions of the county, have established branch stores at Holton and North Muskegon, from both of which points they have drawn a liberal patronage. They carry at all three stores a full stock of drugs, chemicals and patent medicines, besides a large variety of toilet and fancy articles.

They make a specialty of toys and holiday goods and, in this line, undoubtedly carry the largest and most varied stock in the city. In this department, as well as in drugs and medicines, they also do a jobbing trade that is not inconsiderable.

W. T. ROGERS.

Rogers' drug store is located on Pine street, where can at all times be found a stock of pure drugs and chemicals, patent medicines, notions, cigars and all articles of merchandise usually found in drug stores. Mr. Rogers bought the drug store of Dr. C. Low Fastier in October last and has since increased the stock. The store has telephone connection for the convenience of customers. Prescriptions are carefully filled by Mr. Alfred Allen, who is manager of the store.

JACOB JESSON & CO.

Jacob Jesson & Co. are the proprietors of the Central Drug Store, located in Landreth's Block, at the corner of Western avenue and Jefferson street. Their store room is one of the finest in the city and has ample capacity for the very extensive business done by this firm. It has three entrances, one from Western avenue and two from Jefferson street.

This firm makes a specialty of pure drugs and medicines and aims to keep the best to be obtained for cash in the market. They also carry a large and carefully selected stock of perfumes, soaps, and toilet and fancy articles generally that come in their special line. They endeavor to meet the demands of our mixed population by keeping among their employees persons of different nationalities; among them the following languages being spoken: English, German, Danish, Norwegian and Swedish.

The firm is composed of Jacob Jesson, manager, and Dr. O. C. Williams, Dr. C. P. Donelson and Dr. J. M. Cook, all leading physicians of the city.

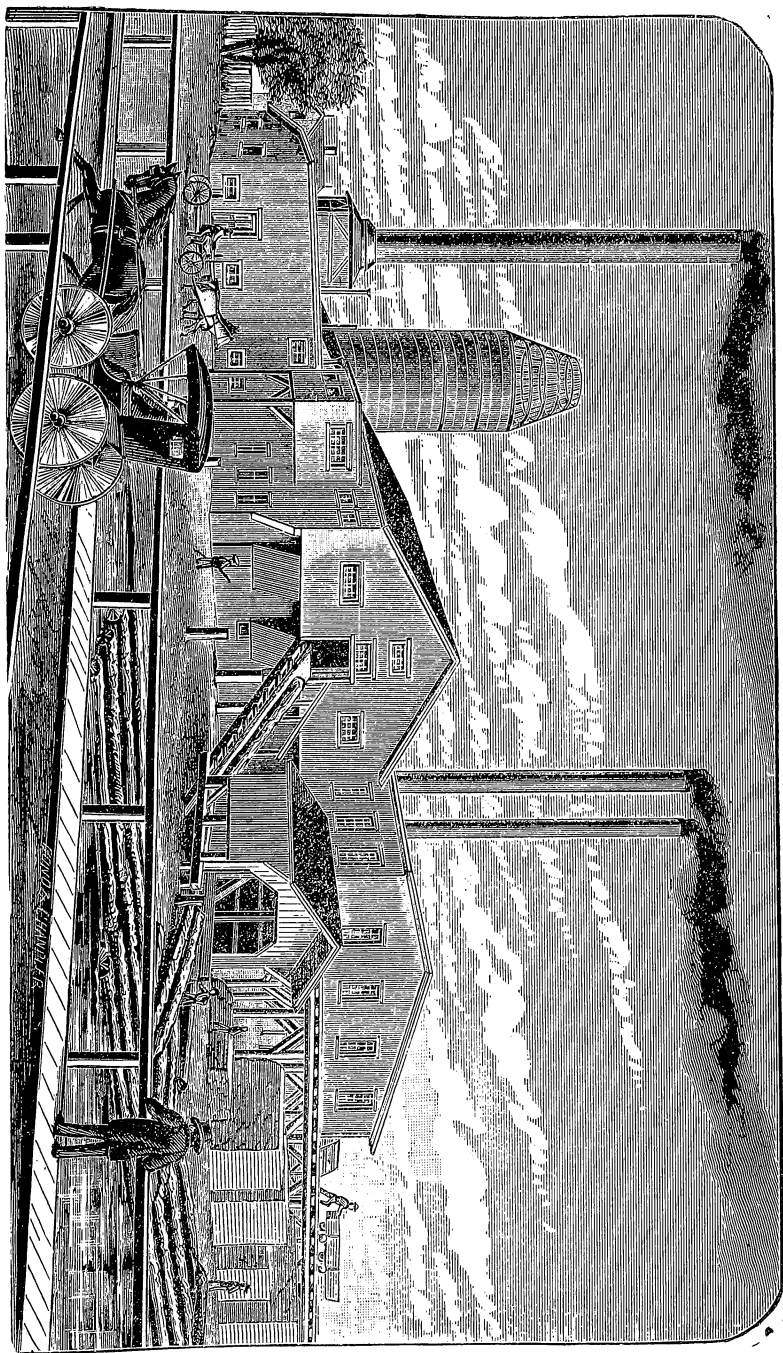
Mr. Jesson's career has been quite interesting. He came to the city in 1866 and for want of more lucrative employment worked for some time on the boom for the Muskegon Booming Co. He then secured employment in the drug store of Mr. S. H. Wagoner, where he remained five years. He then decided to begin business for himself and with this object in view went to Pentwater in 1871 and opened a drug store. The panic of 1873, however, floored him, as it did many other great and good men, and by 1879 Jacob found himself ready to return to the city of sawdust, which he did and entered the employ of W. B. Wilson, where he dispensed drugs for one and a half years. In January, 1881, in company with the above named medical gentlemen, he opened the Central Drug Store, where he has now one of the largest prescription drug trades in the State.

Mr. Jesson has acquired an extended reputation as a scientific druggist and was called as an expert to give evidence in the late Larson murder case in this county. He has also conducted tests for the Sanitary Association of the city. He was the organizer of the State Pharmaceutical Society and was elected its secretary.

A. ECKERMANN.

Mr. Eckermann's drug store is on Pine street where he carries a large stock of drugs, medicines, chemicals, notions and fancy goods, and does an extensive business.

Mr. Eckermann is a native of Hanover, Germany, whence he came to this country and adopted it as his future home. After his



SAW AND PLANING MILLS OF T. D. STIMSON.

arrival in America he served an apprenticeship to the drug business from 1858 to 1862, for the purpose of becoming master of his profession in a practical way, and also attended lectures on chemistry and materia medica. In 1862, at the call of his adopted country, he entered the army and served nearly three years in the Eighth Michigan, ninth army corps. While in the army he participated in eight battles, carrying a musket. After this he was promoted to the position of hospital steward of the Eighth Michigan, in which capacity he served till the close of the war. After the close of the war he entered the theological department of Hope College, which he attended from 1865 to '68, and then again returned to the drug and prescription business and served for various periods with H. D. Post at Holland and J. W. Snedaker at Allegan. In 1872 he moved with his family to Grand Rapids and began business on his own account on the west side. He remained in Grand Rapids for nine years carrying on his chosen business in several localities, and having at one time three stores in as many parts of the city. In 1881 he made up his mind to settle in the young and growing city of Muskegon, and coming here opened a drug and prescription store in the old Keystone building on Pine street. The next year he built the store which he now occupies. Mr. Eckermann has now had an experience in the drug business extending over a period of twenty-three years and has become familiar with all features of the business, and enjoys a generous share of the patronage and confidence of the community in which he lives.

A. G. JEPSON.

Mr. Jepson has been a resident of the city for several years and has been engaged in the drug trade. His store is located in the new opera house building on Western avenue. He is a reliable druggist and is proprietor of several very popular medicines which he compounds at his store. Jepson's Cough Syrup and Jepson's Ague Cure have acquired a wide reputation.

HOWARD & STEVENSON.

Messrs. Howard & Stevenson have lately opened a drug store in Forshee's block on Pine street, where they keep a good stock of drugs, patent medicines, notions and fancy articles. Their

location is a good one for their trade and they will probably do a good business. We wish them abundant success.

HUGH LEONARD.

Mr. Leonard wisely concluded that the drug trade was sufficiently well represented in the heart of the city and so decided to open a drug store in Lowertown, at the corner of Western avenue and Barclay street. He has been a resident of the city for fourteen years and well knew the needs of that growing portion of the city. In 1882 he opened his store and has ever since done a very comfortable business, largely from the fact of his own personal popularity and also from the fact of his dealing in the best goods in his line. He carries a complete stock of drugs, patent medicines, paints, oils, sundries, cigars, stationery and school supplies.

BOOKS AND NOTIONS.

Muskegon's book and notion stores would do credit to many much larger cities. They are noted for their excellence. Trade in this department is prosperous and dealers receive fair returns on their investments.

H. D. BAKER.

Mr. Baker is the pioneer bookseller of the city, having been engaged in the business since 1864, at which time he opened up a small stock in one side of a small wooden building on Western avenue. He at once devoted his whole attention to this business, as a specialty, and soon from a small beginning his business had grown to such dimensions that he was compelled to secure larger accommodations and in 1869 he erected the first three-story brick building in the city, and fitted it out with all modern conveniences for a first-class bookstore. Mr. Baker's store is a model of neatness and his stock is large and includes all articles usually carried in bookstores, such as books, stationery, notions, wall paper, etc.

FRED L. REYNOLDS.

Fred L. Reynolds, "the genial Fred," struck Muskegon in 1866, found it a good place, settled down to business like a sensible man, and has kept at it ever since. His store is located in

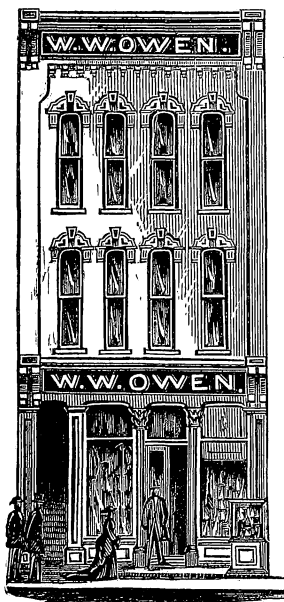
Mason's block and is headquarters for everything relating to public amusements, as well as for first-class goods in the line of books, wall papers and fancy goods. His stock is one of the most complete in the city and he makes it a point to have the latest novelties in his line of trade as early as anybody else.

Mr. Reynolds has been manager of the Opera House since its opening, with the exception of a short time, and has been very successful.

R. S. SQUIRES.

Mr. Squires is the youngest of our newsdealers, both in years and experience, but he is doing a thriving business. His store is located in the new Brasted block on Jefferson street, opposite the City Hall. When he began business a little over a year ago many predicted that he would not succeed as they considered the book and notion business already full, but in the face of these predictions he has been doing a steadily increasing business and now carries a fine stock. In addition to books, stationery, cigars, etc., he makes a specialty of fine fruits and confectionery.

W. W. OWEN.



Mr. Owen, or as he is familiarly called, "Billy Owen," has long been identified with the business of our growing city and has taken a part in many of the prominent movements that helped to develop the city. He came to the city in 1859 and began business here on his own account in 1865, and has ever since been reckoned among our leading merchants. He has always been an active, wide awake business man and has given his own particular business close attention, and it has consequently prospered.

Mr. Owen was city postmaster for several years, and while so engaged discharged his duties to the satisfaction of the public. He issued the first money order issued from the Muskegon postoffice.

In 1874, after the great fire, Mr. Owen decided to build a business block, and for this purpose purchased a lot on Western avenue, now in the heart of the business portion of the city, and erected the substantial brick block shown in accompanying illustration and which bears his name. The building is 85 feet deep and has a frontage on the avenue of 22 feet.

In 1877 Mr. Owen engaged in the news and book trade, purchasing the stock of Mr. Snyder, who retired from the business. At that time he was located in the postoffice in the Muskegon National Bank block, but on the removal of the postoffice he removed his store to its present quarters in Bolza's block.

He carries an extensive stock of books, stationery, notions and wall paper and has one of the largest trades in the city. He is also city ticket agent for the Chicago & West Michigan railway.

JEWELRY.

Muskegon has several large jewelry stores. Some of them are elegantly fitted up and carry a line of the finest goods. As nearly as we can learn, trade has been in a very prosperous condition for the past two years, and the profits realized by dealers have been satisfactory.

RUDOLPH MUELLER.

Mr. Mueller is located in the Gustin block on the north side of Western avenue. He has long been favorably known to the people of Muskegon and any extended notice here would be superfluous. He is a thoroughly practical man in his business, and can either make or repair a watch as well as the best. He makes a specialty of repairing. He carries a large stock of watches, jewelry and silverware.

ADOLPH BOLZA.

The jewelry store of Adolph Bolza is the oldest in the city, (having been established in 1866) and one of the most extensive. Mr. B. formerly conducted a bookstore also but he has closed it out to other parties and now devotes himself exclusively to the jewelry trade. In 1872-'73 he erected, in conjunction with Mr. Merrill, an elegant brick block, (a fine illustration of which is given on page 73 of this work), on Western avenue

and fitted up one of the store rooms for his own use. His store is 22x85 feet and is elegantly fitted up to suit the demands of his business.

Mr. Bolza carries a very extensive line of jewelry of all grades, in which he offers some very attractive prices. His stock of watches is always large and offers a variety to select from that is scarcely equalled by any similar store in western Michigan. He has always been noted for close attention to the details of his business and has succeeded in building up and holding one of the largest retail jewelry trades in the city. See his advertisement for further particulars.

WM. KECK.

Mr. Keck is one of the foremost dealers in jewelry in the city and his store-room is so elegantly and tastefully fitted out that it is a pleasure to look into it. His stock is extensive and includes some very fine goods in the jewelry line, besides a complete stock of watches, clocks and silverware.

Mr. Keck is a practical watch-maker and jeweler and is very attentive to his business. He came to Muskegon in 1870 and began business in 1871. His store is located in Holt's block at No. 115 Western avenue.

R. H. HITCHCOCK & CO.

The firm of R. H. Hitchcock & Co. was organized and began business in January, 1883, in the Rifenburg block, at the corner of Western avenue and Terrace street. Their location is such as to give them the lead in their line of trade in the eastern portion of the city. They have always carried a large stock of goods, including watches, clocks, jewelry, silverware, etc., and they have always been able to offer as low prices on the same goods as any of their competitors.

They make a specialty of repairing and engraving and always keep in their employ skilled workmen in this department.

D. M. STEVER.

Mr. Stever is a representative jeweller and his store is the popular resort of buyers of fine jewelry in this city. He is a practical jeweller and engraver and is besides an expert judge of diamonds, in which he has an extensive trade.

Mr. Stever began business here six years ago and soon found that there was a demand among purchasers for a better class of goods than were then kept in the jewelry stores of the city, and was quick to take advantage of it by putting in a stock of very fine goods. He reaped his reward in a very large increase in his trade, which has continued till the present time.

In consequence of the removal of the old Merrill block at the corner of Western avenue and Jefferson street, he was compelled to remove his store to the Torrent block, where he can now be found, but when the new Merrill block is completed this summer he will return to his old location and will open out one of the finest stores in the west.



RESIDENCE OF J. RIORDAN, WEBSTER AVENUE.

CLOTHING.

The clothing trade in the city is well represented, there being a large number of stores, most of which carry quite an extensive stock of goods. There are two or three stores in this line that carry a stock of goods that would do credit to many much larger cities. That trade is prosperous is indicated by the fact that in the past failures have been few and dealers appear to make money. There are several merchant tailoring establishments also that do a lively business.

THE ORIGINAL LUMBERMAN'S CLOTHING HOUSE.

The Original Lumberman's Clothing House is located in Mason's block, in the store-room formerly occupied by N. Platt & Co. The store is one of the largest in the gents' furnishing line in the city or in western Michigan, and always carries a large stock of clothing, made up in the latest styles and of the best goods to be obtained. The store is under the management of Mr. Wm. Markus, the veteran clothier of the city, and it can truly be said that "Markus always draws business."

Mr. Markus came to this country at the age of sixteen and at once engaged in mercantile pursuits, traveling at first for a Chicago dry goods house. In 1866 he came to Muskegon where he has remained ever since, carrying on business at various points in the city, but always securing a large share of the public patronage. The Original Lumberman's Clothing House, under his management has done a very gratifying business and has become one of the most prominent clothing houses of the city.

Mr. Markus has made a specialty of the clothing business for so many years and his experience has been of such a varied character, covering all departments of the trade, that he is considered one of the most capable clothing dealers in the city, and this fact has been of great advantage to him in his trade.

D. HIRSHFIELD.

Mr. Hirshfield came to Muskegon and opened one of the largest clothing houses in the city in the spring of 1879, and at once attracted a large custom by his genial manners and low prices he offered. He continued in the trade for some time and

then disposed of an interest in his business, thus getting relieved from active duty in the store. He then spent some time away from the city, but finally concluded that Muskegon was one of the best cities in the west to do business in and last summer returned and again took charge of his old store, where he has since remained, and is doing a large retail business.

His store is located in Landreth's block and is 22x100 feet in size. It is well stocked with a complete line of ready made clothing, gents' furnishing goods, hats, caps, etc., which Mr. Hirshfield is selling at prices that please the public. He is a man of large experience in the clothing business and possesses a practical knowledge of the goods he deals in, so that his customers can be assured that when they buy goods of Hirshfield they are not purchasing articles that have been bought at haphazard, but are buying from a carefully and intelligently selected stock.

MANN & PIERCE.

The large clothing house of Mann & Pierce is located in Holt's block, on Western avenue, and is a very extensive establishment. Their mammoth store room is brilliantly illuminated by several electric lights and is filled with one of the largest and most complete stocks of ready made clothing and gents' furnishing goods to be found in western Michigan. They also conduct a first-class merchant tailoring department and employ quite a large force of skilled workmen.

Their stock of suitings is very complete and always includes the newest and most fashionable goods to be found in the market. The business has long been under the personal supervision of Mr. C. B. Mann, who from long experience in buying goods and studying the public taste, is regarded as one of the most successful clothing dealers in the city.

LANE & WAUNSCH.

The popular merchant tailoring establishment of Lane & Waunsch is located in the Rifenburg block, at 113 Terrace street, where they carry on an extensive merchant tailoring busi-

ness and turn out some of the "noggiest" suits to be found in the city. They carry a well selected stock of suitings, which they make up in the latest styles and at prices that are notoriously low, so much so that they have gained the title of the "low priced clothiers." Mr. C. H. Lane, the senior member of the firm, is an excellent salesman and a good judge of fabrics used in his line of manufacturing. He makes the purchases and sales his special department, while Mr. Waunsch attends to the manufacturing department. Mr. Lane came to this city in the spring of 1881 and began business in a very small way in a little back room, in partnership with a Mr. Carr, under the firm name of Lane, Carr & Co. They carried on the business for some time very successfully, but finally through the misdoings of his partner, Mr. Lane was forced to sell out to A. M. Goodwin & Co. He would not long remain down, however, and in February, 1884, we find him again established in business with Mr. Waunsch, as above stated. There is no good reason now observable why the present firm should not soon do one of the largest merchant tailoring trades in the city.

BROWN & FRIEND.

The clothing house of Brown & Friend in this city is one of a series of like institutions located in different parts of the country and owned and operated by the same firm. The firm is composed of H. Brown and H. Friend, of Buffalo, New York, where they conduct a large clothing manufacturing establishment and a retail business under their own personal supervision, and manufacture the clothing that is sold at their various stores.

In addition to their stores at Buffalo and in this city they operate stores at New Castle, Penna., and at Warren, Penna. They own considerable valuable real estate in Muskegon and their store here is conducted in their own block on Western avenue. Their store room is 85x22 feet and is brilliantly lighted with the electric light. Their business here is under the efficient management of Mr. D. Goldrath, who has made it successful by his careful attention to the business of his employers. They carry a full stock of ready-made clothing and gents' furnishing goods.

A. M. GOODWIN & CO.

Among the leading and vigorous tailoring and men's furnishing establishments of the city is that of A. M. Goodwin & Co., located at No. 155 Torrent's block. The firm is one of the youngest in the city, having been in existence in this city only since August 1883, yet their trade is already very large, and is drawn largely from the most fashionable buyers of the city.

The firm purchased the stock and business of Lane, Carr & Co. last summer and for a time conducted their business in the old Dennis Smith block, but they have recently moved to their present elegant and commodious store. They carry a large line of suitings, gents' furnishing goods, hats and caps. They have lately secured the services of a fashionable tailor from New York, who now has charge of the tailoring department, and they are able to turn out as fine fitting suits as can be had in any of the larger cities.



RESIDENCE OF C. T. HILLS, WEBSTER AVENUE.

The firm is composed of Mr. E. A. Parker and A. M. Goodwin, the latter of whom has the management of the business.

H. HAAS.

Mr. Haas, the New York merchant tailor, is located at No. 57 Western avenue, where he began business on a small scale about four years ago. Good work and close attention to business, however, have had their effect and since he opened out his little store Mr. Haas has gained the reputation of being one of the best tailors in the city and has accumulated enough to add a stock of ready made clothing, and now he has a fine store in, which he carries on both the ready made clothing and merchant tailoring business. He is noted for making good fitting suits.

HATS, CAPS AND FURNISHING GOODS.

This branch of business has developed rapidly in the last three or four years. Formerly this business was nearly all done by the clothing dealers, but it has now become a distinct line of trade and two dealers now make it a specialty.

WILL H. COGGESHALL.

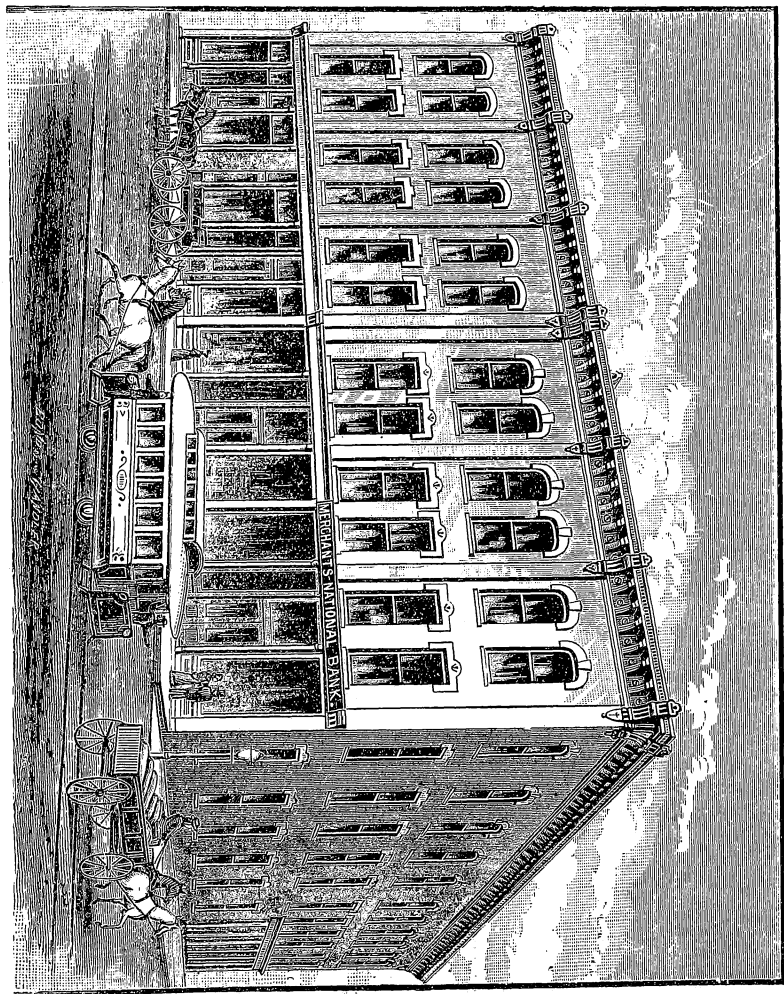
The Eagle Hat and Furnishing Goods House was established about three years ago by a Mr. McPherson, who conducted it till March, 1883, when he sold out his stock to Mr. Will H. Coggeshall, who has since conducted it and has largely increased the business.

Mr. Coggeshall has had a long apprenticeship in the clothing business and is a popular salesman, and besides has demonstrated since he has had charge of the Eagle Hat Store that he knows how to run a first-class store. His stock consists of hats, caps and gents' furnishing goods. He also makes a specialty of white and fancy shirts and has them made to order for customers.

GEO. G. BURDICK.

Mr. Burdick has just purchased the stock and business of Mr. Perry, the pioneer hatter of the city, and is opening one of the largest stocks of hats, caps and gents' furnishing goods ever brought to the city. His location is central, being in Mason's

block, with Fred Reynolds, the bookseller, and there is no good reason why he should not retain all of Mr. Perry's old customers and draw many new ones.



TORRENT'S BLOCK.

MISCELLANEOUS.

S. S. MORRIS & BRO.

The firm of S. S. Morris & Bro., packers and jobbers of provisions, stands at the head of this department of business in this city and deserves more than a passing notice.

The firm is composed of Mr. S. S. Morris, the senior member and founder of the business, and his brother, H. J. Morris. They are both enterprising and thorough going business men and succeed by close attention to the details of their business. The house was founded in this city in 1872, by S. S. Morris, on a small scale and with limited capital, but it has grown until today it is one of the leading packing houses in western Michigan and reaches nearly all parts of the state with its sales. When Mr. Morris began business here he occupied the first store building erected for mercantile purposes in the city. It was located on the site now occupied by the drug house of Fred Brundage & Co., but has since been removed and is now doing duty as a store on Pine street.

From the start and for several years thereafter Mr. Morris conducted the leading business in his line, that of a first-class retail meat market. His locating here started a new era in the market business, for he conducted his business after the New York custom, cutting the choicest of meats and handling a fine selection of game in season, and he thus built up the largest retail trade in the city.

For some years S. S. Morris has had associated with him his brother, H. J. Morris, and on the first of January, 1884, he took him into partnership under the present firm name. They are now conducting a first-class house as packers and jobbers of provisions, and have an extensive city and country trade. They also supply many of the prominent lumbering and logging firms of western and northern Michigan. They have established an enviable reputation as packers and are noted for handling the finest smoked and cured meats and canned goods to be found in any market. They enjoy the respect and confidence of the community to an eminent degree.

Their packing and warehouse is located on S. W. corner of Market and Water streets and their large stores are located in the opera house block.

RIPLEY'S BAZAAR.

Mr. C. D. Ripley is the proprietor of Ripley's Bazaar, which he purchased from its former proprietor a short time ago.

Mr. Ripley deals in crockery, tinware, lamps, hosiery and notions and makes a specialty of five and ten cent goods. He has succeeded in building up a fair jobbing trade in addition to his retail business.

His store is located in the Torrent block, on Western avenue, and is 22x100 feet.

MISS JOSEPHINE FOSTER.

One of the most popular millinery establishments of the city is that of Miss Josephine Foster, located in the Muskegon National Bank building, on First street. Miss Foster came to this city from Niles in 1881 and began business in her present location. She has acquired a reputation as a skilful artist in the line of millinery and by carrying a stock of the finest goods has secured a large business among the leading society ladies of the city. Her store is a popular resort for ladies when looking for the very latest styles in millinery goods.

A. C. & L. TRUESDELL.

The furniture store of A. C. & L. Truesdell is one of the leading establishments of the kind in western Michigan and enjoys a very large trade. The present firm, composed as above stated, is the successor of the firm of Truesdell, Lange & Co., and is located in the Muskegon National Bank block, where they carry a stock of furniture, upholstered goods, carpets, crockery, glassware and silverware that is scarcely surpassed in the west in cities of twice the population of Muskegon. They occupy three floors of the large double store, all of which are filled full of goods.

They also do an extensive manufacturing and repairing business at their shops on First street.

The whole business is under the management of Mr. A. C. Truesdell, who is an excellent salesman and manager and besides a very popular citizen. He has had an extensive experience in the furniture business and understands all its details.

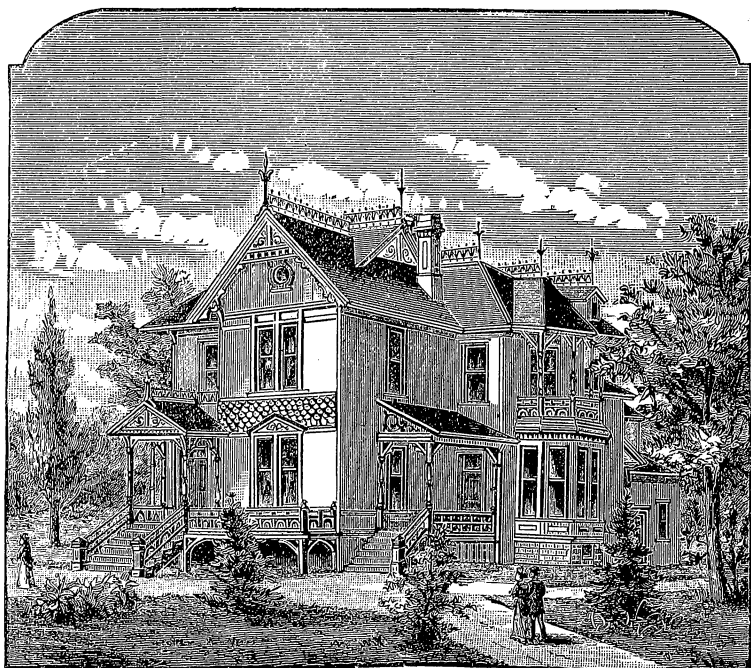
JOHN WILLIAMS.

Mr. Williams' extensive wholesale liquor store and warehouse are located on Ottawa street, opposite the passenger depot of the Chicago & West Michigan Railway, where he does an extensive business. His stock occupies two stories of a building 22x75 feet and a warehouse 22x50 besides. Mr. Williams carries a large stock of whiskies, brandies, wines, alcohols, imported liquors and other articles pertaining to his line of trade, and his manner of doing business has been so acceptable to the public and his prices so satisfactory that he has built up a very large trade through various parts of the State.

He usually carries a stock valued at between forty and fifty thousand dollars and his annual sales for 1882 were \$83,000, and in 1883 they reached the large sum of \$110,000.

F. VANDERWERP.

Mr. F. Vanderwerp is located at the corner of Pine and Walton streets and deals in pianos, organs and sewing machines. He has the most varied stock in the city, including some of the most popular makes of his line of goods to be had in the market.



RESIDENCE OF N. MCGRAFT, LAKE ST.

MANUFACTURING INDUSTRIES.

The manufacturing industries of Muskegon have had a marvelous growth in the last few years. Up to 1876 nearly all the capital employed in manufacturing in the city was devoted to the lumber business and immense fortunes were made out of lumber and timber, but since that time many other manufacturing industries have been established that have called for large investments of capital, and while the capital invested in the lumber trade has increased year by year other classes of manufacturing have increased with greater rapidity and they have been found so profitable to investors that it is now probable that in the near future even our immense lumber manufacturing business will be eclipsed by miscellaneous manufacturing institutions. A feature that promises much for the future permanence of the city is the fact that a large amount of local capital has been invested in these new enterprises, thus showing that those who are now doing business here have faith in the future of the city and are willing to stake their money upon it.

A considerable amount of outside capital has also found its way here in the past few years. Capitalists are beginning to realize the great advantages offered by Muskegon to almost all kinds of manufacturing, and, as a consequence, many are seeking investments here.

Muskegon is already, all things considered, the greatest manufacturing center in the west and if the present marvelous rate of increase continues for five years to come the vicinity of Muskegon lake will present one of the most animated manufacturing scenes to be found in this country.

MUSKEGON'S MANUFACTURING AS COMPARED WITH OTHER
MICHIGAN CITIES.

When Muskegon's manufacturing enterprises are compared with those of other cities in Michigan she makes a showing that is remarkably favorable to her and one that should be gratifying to her citizens.

Taking the U. S. census of 1880, the latest statistics to which we have access, and probably the most reliable, as a basis for comparisons, we find that Muskegon county makes a remarkably good record as compared with other counties of the State and country in manufactories. In 1880 this county had a population of 26,586 or only one sixty-first part of that of the State, while she had one-sixteenth of the capital employed in the State in manufacturing, paid one-twenty-third of the wages paid to employees, and the value of her manufactured products was one-sixteenth of the entire product of the State. The value of her product was \$9,027,241, or an average of \$339.50 to every man, woman and child in the county, while that of Wayne county, including Detroit, was only \$201.10 per capita; Kent county, including Grand Rapids, \$130.75, and Saginaw \$157.40. Leaving out Berrien county she had \$824,644 more manufacturing capital than the whole southern tier of counties in the State, including the counties of Cass, St. Joseph, Branch, Hillsdale, Lenawee and Monroe, and the value of her manufactured product was only \$3,892 less than all these counties combined.

She had \$236,410 more capital employed in manufacturing than the counties of Manistee, Mecosta, Oceana, Newaygo and Ionia combined and her product was \$1,268,012 greater than these five counties.

She had \$5,755,360 of capital invested in manufacturing enterprises, an average of \$216 for each man, woman and child in the county, while Wayne county, including Detroit, averaged only \$113 per capita; Kent county, including Grand Rapids, \$83, Saginaw county \$87, and Jackson county \$40.

COMPARED WITH CITIES IN OTHER STATES.

When compared with cities in other states the showing made by Muskegon is not less gratifying, as will be seen from the

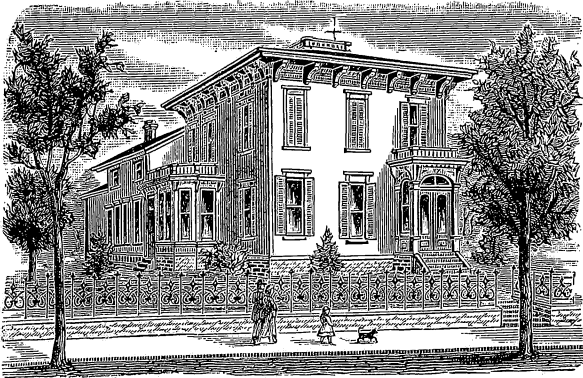
fact that she had over \$1,000,000 more capital invested in manufacturing than either Peoria or Quincy, Illinois, or St. Paul, Minnesota; she had twice as much as Springfield, Illinois, or Denver, Colorado; nearly twice as much as Dubuque, Iowa, and \$2,271,380 more than Omaha, Nebraska, Des Moines, Iowa, and Hannibal, Missouri, combined. The above figures in each case include the county in which the city is located.

INVESTMENTS THAT WILL PAY HERE.

The new business enterprises that may be established in Muskegon with a certainty of success are very numerous. We enumerate a few below, among which are the following manufacturing: Agricultural implements, sash doors and blinds, wagons and carriages, pails and tubs, caskets, matches, tooth-picks and other small wooden articles, shoe-lasts, rolling pins and butter bowls, chairs, mouldings and picture backing, and several more furniture factories.

There is also a very great demand for a fruit cannery, for which there is always an abundant supply of fruit in the county. A woolen factory and a tannery might also be established with profit.

The nearness of Muskegon to the great ore deposits of northern Michigan, her unequalled harbor and the great abundance of fuel make her an excellent location for rolling mills and smelting works, both of which have been considered among the probabilities by those familiar with the advantages offered to such works by this locality.



RESIDENCE OF C. J. HAMILTON, CLAY AVENUE.

EMPLOYEES AND WAGES.

The following table shows the number of employees of the various manufacturing and other institutions of Muskegon and vicinity that pay wages, with the amount of money paid out weekly by each to employees. Nearly all the figures were given us by the proprietors; the remainder are estimated. It is generally supposed that the amount paid for wages by our manufacturing firms is less in winter than in summer, but our inquiries show the reverse to be the fact.

Name of Manufactory or Firm.	Number of Employees	Weekly wages paid employ's
Louis L. Arms Shingle and Lumber Co.....	90	\$1,400 00
Barcus Brothers.....	15	200 00
L. O. Beerman.....	12	120 00
Baker & Ayer.....	85	1,000 00
Beaudry, Champagne & Co.....	53	900 00
Beidler Mn'f Co.....	100	1,500 00
Bertrand & Co.....	54	1,000 00
A. A. Bigelow & Co.....	45	800 00
Blodgett and Byrne.....	175	2,000 00
P. J. Connolly.....	5	62 00
Chicago & West Michigan Repair Shops.....	500	6,250 00
Davies Iron Works.....	25	300 00
Daily Morning News.....	19	150 00
Davies Bros.....	45	800 00
Samuel Davis.....	20	250 00
Daugherty, Alberts & Co.....	55	800 00
Ducey Lumber Co.....	60	850 00
Bluffton Lumber Co.....	70	850 00
Horton & Farr.....	60	900 00
Gow & Majo.....	45	800 00
Thomas B. Gregory.....	8	100 00
C. H. Hackley & Co.....	125	1,750 00
C. J. Hamilton.....	100	1,500 00
S. C. Hall Lumber Co.....	70	850 00
P. Hayden & Sons.....	40	400 00
Hunter, Tillotson & Co.....	45	400 00
J. J. Howden.....	12	120 00
James Hutchinson.....	12	125 00
M. Jiroch.....	18	200 00
Jas. S. Kirk & Co.....	35	350 00
Kelly Bros.....	30	300 00
Louis Kanitz.....	5	60 00
McCracken, Hovey & Co.....	100	1,200 00
A. S. Montgomery.....	75	750 00
A. V. Mann & Co.....	70	850 00

McGraft Lumber Co.....	100	1,500 00
Michigan Shingle Co.....	125	1,800 00
Thos. Miller & Co.....	22	275 00
A. W. Miller.....	25	125 00
Munroe Mn'f Co.....	55	350 00
John L. Murray.....	10	225 00
Muskegon Bottling Works.....	6	80 00
Muskegon Booning Co.....	850	7,500 00
Muskegon Car and Engine Co.....	400	3,000 00
Muskegon Brewing Co.....	25	250 00
Muskegon Daily Chronicle.....	32	160 00
Muskegon City Mills Co.....	8	115 00
Muskegon Gas Light Co.....	5	70 00
Muskegon Shingle and Lumber Co.....	125	2,250 00
Muskegon Wood Package and Basket Co.....	100	550 00
Muskegon Valley Furniture Co.....	125	1,200 00
Novelty Iron Works.....	60	600 00
C. D. Nelson & Co.....	75	900 00
F. B. Peck & Co.....	40	500 00
Pembroke Knitting Works.....	90	250 00
Petrie Lumber Co.....	50	700 00
Thayer Lumber Co.....	125	1,500 00
Tillotson & Blodgett.....	65	800 00
A. C. & L. Truesdell.....	12	150 00
Walworth & Reed.....	190	2,000 00
W. G. Watson & Co.....	125	800 00
West Michigan Lumber Co.....	600	7,500 00
W. F. Wiseloge.....	15	175 00
M. Wilson & Co.....	80	1,200 00
Woodard Mn'f Co.....	30	200 00
Geo. E. Woods.....	55	800 00
Rodgers Iron Mn'f Co.....	100	1,100 00
Rodgers & Lebouf.....	65	900 00
Ryerson, Hills & Co.....	160	2,000 00
Stimson, Fay & Co.....	75	900 00
T. D. Stimson.....	180	2,000 00
Storrs Lumber Co.....	65	800 00
Swan, White & Smith.....	183	2,100 00
Temple Mn'f Co.....	80	700 00
J. Zerwes.....	12	150 00
Totals.....	6,823	\$77,252 00

There are some manufacturing firms in the city that, for some unaccountable reason, were unwilling to give us figures or to appear in the above list. Those omitted would probably increase the wages paid to \$80,000.00 per week, or \$325,000.00 per month.

ESTABLISHED MANUFACTURES.

W. G. WATSON & CO.

The extensive planing mill and box manufactory of W. G. Watson & Co. is located on the lake front at the foot of Western avenue, where the firm has yard room sufficient for piling 10,000,000 feet of lumber and extensive buildings devoted to the various branches of their manufacturing business.

The business of W. G. Watson & Co. was established here in 1879 and is an offshoot of an extensive business of the same kind carried on at Burlington, Vermont, by the firms of W. & D. G. Crane and Pope & Watson. The firm of W. G. Watson & Co. is composed of W. G. Watson and O. M. Field, of this city, and W. & D. G. Crane and E. A. Pope, of Burlington, Vt., of the above named firms. These firms had acquired a large western market, and, as much of the material used came from Michigan, they thought it best to locate a branch manufactory as close as possible to the lumber supply, and selected Muskegon as the most desirable place for the plant.

Their mill is an extensive affair, the main building being 200x70 feet, besides offices, large engine and boiler house, dry house, etc., and is thoroughly equipped in all its departments with the latest and most approved machinery to be had. Their outfit consists of five planers, two resawing machines, one of which is forty-two inches and the other thirty-six inches, a full set of box machinery, and a large power matcher. Their power is supplied by an engine of one hundred and fifty horse power, located in a building separated from the main manufactory. There are three 44-inch two-flue boilers. Their fire extinguishing facilities are very complete and it would be hardly possible for a very destructive fire to occur on the premises.

The extent of their business is very gratifying to the firm and their trade is annually on the increase and now reaches nearly the whole west this side of the Rocky mountains and a large part of the south. They have also shipped some large orders to Australia.

They now handle annually from twenty-five to thirty million feet of lumber in the various departments of their business, and

their shipments run from one hundred and twenty-five to one hundred and fifty car loads per month.

They give employment to about one hundred and twenty-five people and their weekly pay roll averages \$800.

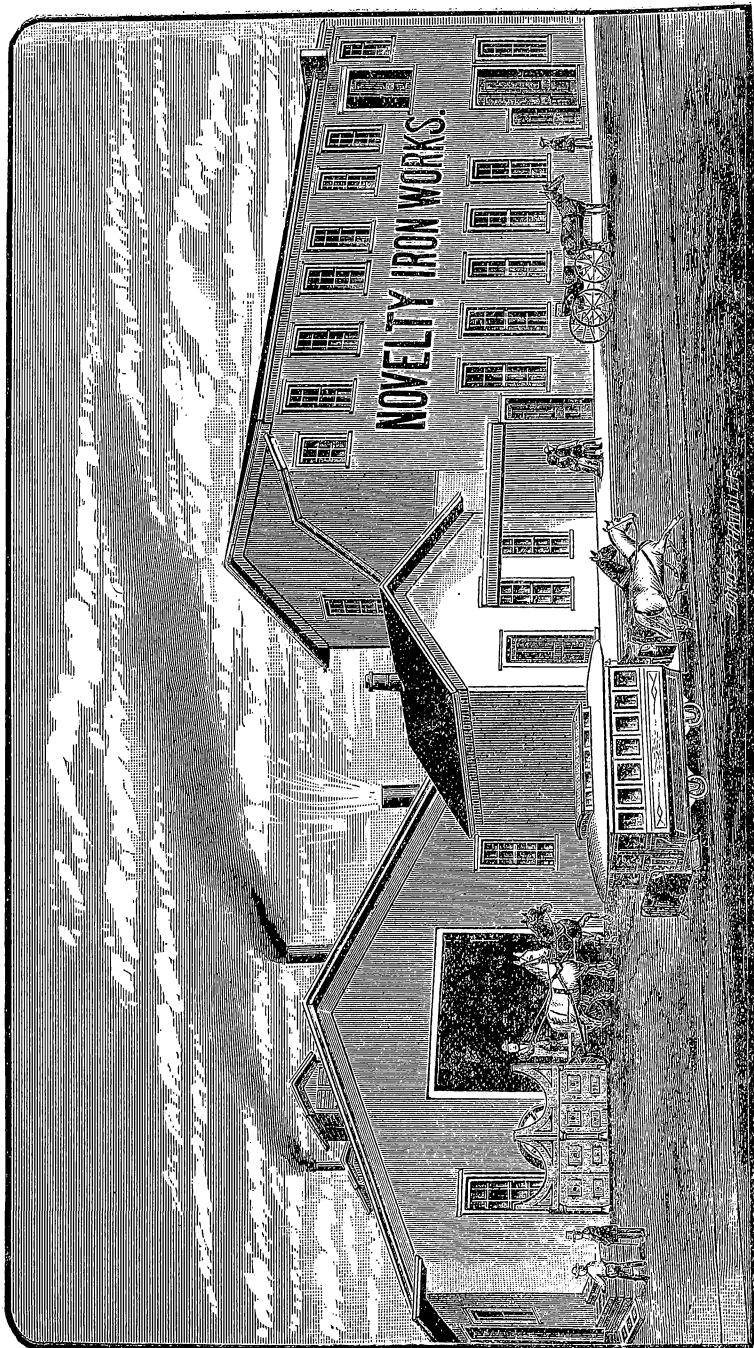
THE MUSKEGON NOVELTY IRON WORKS.

Among the leading manufacturing enterprises of Muskegon the Muskegon Novelty Iron Works holds a prominent place. The firm is composed of young and energetic business men and they have conducted the business with remarkable vigor and success. The history of the enterprise does not cover many years of time, but it contains interesting facts for the study of young men who look forward to business success.

In the spring of 1879 Messrs. Joseph Turnbull, Ed. Behrens and Chas. E. Woodard purchased from Luke Turnbull his boiler shop, together with the real estate upon which it was situated, and began business for themselves under the firm name of the Turnbull Boiler Works Co. The business under their management soon increased to such an extent that it became necessary to put in new machinery and tools and greater steam power, which was accordingly done and the facilities for doing work thus greatly increased.

In the fall of 1882 the Turnbull Boiler Works Co. became interested in the Novelty Works, located on Terrace street, and conducting the machine and blacksmith shop business, and arrangements were soon made to remove the business to the premises of the Turnbull Boiler Works Co. A suitable building was erected for the accommodation of this new acquisition and the removal was made. The Turnbull Boiler Works Co. was then reorganized into the Muskegon Novelty Iron Works and the capacity of the works was increased by the addition of a foundry and by purchasing new tools and machinery. Since the reorganization the business of the company has increased very rapidly.

In the fall of 1883 the members of the old Turnbull Boiler Works Co. sold their real estate, shops, tools etc. to the Novelty Iron Works and they thus became one institution and their capital stock was then increased to \$50,000. Their premises include two and one-half lots of ground, which are almost entirely



MUSKEGON NOVELTY IRON WORKS.

covered with the different shops, all of which are heated by steam. The tools and machinery are nearly new and capable of doing all the various kinds of work pertaining to an institution of the kind. The company gives employment to sixty men and has a weekly pay roll of \$600.

We give a fine engraving on another page, showing their works from the Western avenue side.

The officers of the company are President, R. C. Hitchcock; Vice President, Ed. Behrens; Secretary and Treasurer, Chas. E. Woodard.

BARCUS BROTHERS' SAW MANUFACTORY.

We refer with much pleasure to the Barcus Brothers' circular saw manufactory, located on Seventh street, as one of the important manufacturing interests of the city.

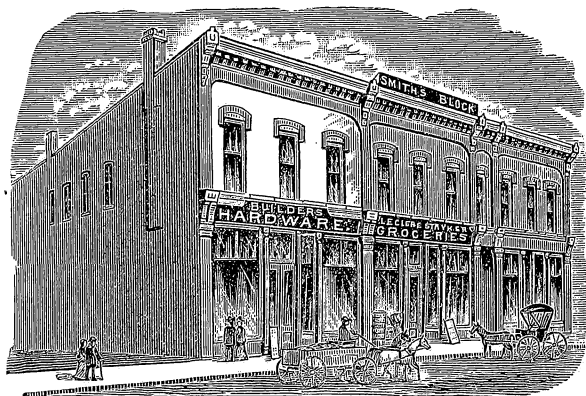
This firm located in Muskegon in 1876 and began the manufacture of circular saws as their specialty, and being practical and skilled saw makers, having had over twenty years' experience, they early met with success. They made it a point of their business to give careful personal attention to the manufacture of this very important requisite not only to the modern saw mill, but to all wood working manufactories, so that all work that left their manufactory left it with their own stamp of excellence upon it. Acting on this sensible business basis the success of this firm has been marked, their business having steadily and largely increased each year. After the destruction of their old manufactory by fire in 1881 they erected new and commodious buildings on Seventh street and Clay avenue, which they now occupy. Since then they have been constantly increasing their facilities for work and they now employ from fifteen to twenty-five men and have a weekly pay roll of from \$200 to \$275, and can turn out an annual product of \$200,000. They have a capital of \$25,000 now invested in the business. Barcus Brothers claim to make unexcelled circular saws and their claim is fully sustained by the general satisfaction they render under the practical test. It is also sustained by the high appreciation of their saws by those who have used them, and by the fact that they are generally preferred before other saws in the market. The demand for Barcus Brothes' saws, where

their quality is known, is steadily increasing, and their sales now extend through Michigan, Ohio, Indiana, Illinois, Wisconsin, Minnesota and into Canada.

The success of this firm is a good example of what energy and skill combined can do when applied to any manufacturing business.

THE MUSKEGON VALLEY FURNITURE CO.

A furniture factory has long been considered a very desirable addition to the manufacturing industries of Muskegon, and, notwithstanding the generally acknowledged fact that such an enterprise could scarcely fail to pay if properly managed, our local capitalists were so thoroughly absorbed in the all absorbing lumber business that no one felt inclined to make the venture of a furniture factory on a large scale. Two years ago, however, several business men of the city decided that the time had fully come when such a furniture factory should be built in Muskegon, and they at once went to work for the purpose of accomplishing that object, and the result has been the Muskegon Valley Furniture Co., and it is now entering upon an era of prosperity seldom reached so early in the history of a large manufacturing institution.



SMITH'S BLOCK, FIRST STREET.

The capital stock of the company was last year increased to one hundred thousand dollars and most of it is now held by

local capitalists, thus making a large number of our best citizens personally interested in its success.

The company purchased five acres of ground in the southwestern part of the city on the line of the Chicago & West Michigan Railway and near the Muskegon Car and Engine Co.'s works, where they have erected extensive buildings and put in the most approved machinery for the manufacture of furniture, and their product for the past year has been large and of excellent quality, so much so that their furniture has already acquired a desirable reputation and is in good demand.

Their buildings at present consist of one two-story building 40x198 feet, one two-story building 40x135 feet, an engine house 50x50 feet, a dry kiln with a capacity of 80,000 feet of lumber per day and a lumber shed 75x40 feet, two stories high. Their saw mill has a capacity of 15,000 feet of hard lumber per day.

The company gives employment to from 100 to 125 men and has a weekly pay roll of from \$800 to \$1200 per week.

The factory is under the personal management of Mr. B. N. Barnes, a gentleman of large experience in the furniture business.

The present officers are president, Louis Kanitz; vice-president, N. McGraft; treasurer, H. D. Baker; secretary, G. Meeske.

The board of directors is composed of the following gentlemen: H. D. Baker, Louis Kanitz, Hugh Park, C. H. Hackley, G. Meeske, N. McGraft, W. F. Wood, John Dratz and P. A. Ducey.

KELLY BROS. MANUFACTURING CO.

The Kelly Bros. Manufacturing Company is located at the corner of Terrace and Lake streets, near T. D. Stimson's planing and saw mills. The company was incorporated in 1883 and began business in May of that year. Their authorized capital is \$20,000, and they do a large manufacturing business, especially of the finer grades of work in their line.

Among the numerous articles of their manufacture we may mention sash, doors and blinds, on the latter of which they hold a patent, (Kelly's Patent Weather-proof Blinds), that is regard-

ed as the best of its kind on the market and the demand for them is constantly increasing. They also manufacture moldings, window frames, stairs, stair rails, newel posts, balusters, brackets, office furniture, etc., and do wood carving in hard or soft woods for interior finish. They also do planing, matching and re sawing. Some samples of their work on office furniture and interior finish may be seen in the Merchants' National Bank and in the residences of Chas. T. Hills, Thomas Munroe and F. A. Nims, and it is certainly equal to anything of the kind to be found in western Michigan. Their machinery is all new and of the latest patterns and the managers are practical and skilled workmen.

They now employ from twenty-five to thirty men and their weekly pay roll averages about \$300. As soon as possible they expect to enlarge their facilities for doing work, especially for the finer classes.

The officers of the company are, president, Daniel Kelly, vice-president, Charles A. Crandall; secretary and treasurer, Wm. Kelly.

RODGERS IRON MANUFACTURING CO.

Born with the city and forming one of its most prominent business enterprises is the Rodgers Iron Manufacturing Co. In 1858, when Muskegon was a mere village, Alexander Rodgers, Sr., came here from Scotland and united his fortunes with the struggling village. With the good judgment he has always exhibited in his business ventures he decided that Muskegon with its saw-mills and growing manufacturing interests would eventually be a good place for a foundry and machine shop, and, being himself a skilled machinist, he decided to make the trial. He erected a rough frame building 25x50 feet at a convenient point on the lake front and there conducted for a time the entire business of engine building, foundry and repair shop, and did the work with his own hands.

Business, however, soon increased to such an extent that he required enlarged facilities, and for the purpose of making the proper increase he took a couple of partners who remained with him for some time, but finally in 1864 Mr. Rodgers again became sole proprietor and then erected new and more commo-

dious buildings, put in new machinery and further systemized the business by separating it into departments.

Mr. Rodgers is the patentee of several important articles of machinery used in the saw mill business, the most important among them being his celebrated "Spike Roller Edger" and his "Tooth Bar Log Turner," "Rodgers' Patent Head Block," and many others.

In 1868 the entire business was reorganized and incorporated under the name of the Muskegon Iron Works and continued to operate under this title till January, 1883, when it was again reorganized under the name it now bears, viz.: The Rodgers Iron Manufacturing Co., with Mr. Alexander Rodgers, Sen., as president.

The ground occupied by the works consists of two and one-half acres, a large proportion of which is covered by their buildings.

Their authorized capital stock is \$90,000 and \$80,000 are paid in, so that their capital is sufficient for the demands of their extensive business. The value of their manufactured product per year is about \$116,000 and they give employment to from seventy-five to one hundred and ten men, a very large proportion of whom are skilled mechanics, and their weekly pay roll runs from \$1,000 to \$1,200.

This concern keeps abreast of the times in whatever is new and improved in machinery and is prepared to contract in furnishing anything in the line of iron work from a complete outfit for any kind of a mill or factory, steam tug or steamboat, to any of the smaller implements or machines into which iron is or may be made.

Rodgers Iron Manufacturing Company is one of the largest establishments of the kind in western Michigan and one of the most reliable.

THE MUSKEGON GASLIGHT CO.

The civilization of the present age demands gaslight, and, notwithstanding the introduction, of late years, of the electric light for illuminating purposes, the demand for the old reliable gaslight remains undiminished in most cities and towns, and gas

stock continues to rate above par, and no town of any pretensions is complete without its gas works.

In 1870 Muskegon had become metropolitan enough to make her citizens feel the need of more light than the sun, moon and stars and coal oil lamps could supply, and answering to the public demand, the Muskegon Gas Light Company was organized in 1871 as a stock company with a capital of \$40,000, and immediately went to work to supply the city and citizens with gas for illuminating the darkness when the stars refused to shine.

The company have from time to time added to their property until now buildings, machinery, etc. are extensive enough to answer the needs of the city for years to come. They now have capacity for manufacturing about one million five hundred thousand cubic feet of gas per month.

Their present gasometer has a capacity of twenty-five thousand feet and they have another in course of erection and nearly completed, with a capacity of sixty-five thousand feet. It will be ready for use some time during the coming summer. The works are located at the foot of Second street at its intersection with Morris street, thus giving convenient access to the Chicago & West Michigan railway and Central Wharf.

The capacity of their coal house is sufficient to accommodate about five hundred tons of coal at one time, and they use over twelve hundred tons of coal annually in the manufacture of gas. The coal used is largely received by boat and is brought from the coal fields of Pennsylvania. There are now sixty-nine street lamps in the city where coal gas is used, nearly double the number in use four years ago, and the company has over six miles of gas main laid in various parts of the city. The number of private consumers is over four hundred.

The present officers of the company are, President, L. G. Mason; Secretary, James Clements; Treasurer and Superintendent, J. J. Howden. The board of directors is composed of L. G. Mason, James Clements, J. J. Howden, C. T. Hills and Chas. H. Hackley.

Mr. Howden has acted in the capacity of superintendent from the establishment of the works and has proved himself to be a very competent and successful manager.

Last year the company yielded to the popular demand for

cheaper gas and made a reduction that seems to meet the general approval of the public. The price had previously been \$3.00 per 1,000 cubic feet, and the reduction brought it down to \$2.50 per 1,000.

J. J. HOWDEN.

In addition to his duties as superintendent and manager of the Muskegon Gaslight Co., Mr. J. J. Howden has also for several years been engaged in the steam and gas-fitting and plumbing business in the city. He started his business in this department on a very small scale in 1871 and has gradually increased with the growth of the city and as the demand for plumbing and gas-fitting increased until he now has an extensive establishment well fitted out with the latest improved machinery and stocked with a large supply of fine and common grades of goods in his line.

Last summer Mr. Howden added a second story to his building on Morris street and added a very neat and tasteful office on the second floor, fronting on Morris street. The size of his building is now 60x100 feet and in this he keeps his machinery and gas fittings. He also occupies another two story building a few feet east of his main building, where he carries his extensive stock of gas fixtures, chandeliers, etc.

Mr. Howden now works a force of ten employees in conducting his business, all of whom are kept busily engaged.

In the past few years the demand for sewer pipe has been so great that Mr. Howden has been induced to put in a stock of superior sewer pipe and he is now prepared to fill orders for it to those who want it.

THE MCGRAFT LUMBER CO.

The McGraft Lumber Co. was organized in 1883 and incorporated with a capital stock of \$75,000. They immediately erected a fine mill on the lake front near the corporate limits of the city and were ready for business in time to cut nearly five million feet of lumber and one and a half million lath during the season of 1883. Their mill is one of the most modern on the lake, and was built with special reference to the present demands of the lumber trade, after plans originated by Mr. McGraft, the senior member of the firm.

The firm does a general business in pine lumber, lath, shingles etc, and keeps constantly on hand a large stock of lumber of all grades. They have a large amount of dock room and cross pile all their lumber. They make a specialty of sawing bills to order and fill orders promptly and their extensive facilities enable them to do it satisfactorily to their customers. Their mill is also on the line of the Chicago & West Michigan Railway and they ship either by rail or boat.

The company employs from seventy-five to one hundred and fifteen men and pays out weekly wages of from \$700 to \$1,000.

The officers of the company are N. McGraft, President; Thomas W. Palmer, Vice President; George D. Smith, Secretary.

The directors are N. McGraft, Thos. W. Palmer, L. N. Keating, G. R. Gray and Geo. D. Smith.

THE WOODARD MANUFACTURING CO.

After the burning of the Peninsular Manufacturing Company's works last summer, Mr H. S. Servoss set himself about the task of organizing a new corporation for the manufacture of the celebrated Hayden Patent Kindling, and the result was the formation of the Woodard Manufacturing Co. with a capital stock of \$10,000. The new company immediately began the erection of a manufactory in Lowertown on Western avenue, and in a short time they were ready for business, and began the manufacture of the Patent Kindlers. During the winter they also put in machinery for the manufacture of box shooks, moldings, flooring and spools for barbed wire.

The company now employs thirty hands and has a weekly pay roll of \$200.

They are able to turn out six hundred boxes of kindling, one hundred kindlers to the box, per day, besides one half car of box shooks and a large amount of flooring and molding.

The officers are President, H. S. Servoss; Vice President, Ed Behrens; Secretary and Treasurer, C. E. Woodard.

MCCRACKEN, HOVEY & CO.

Among the young and vigorous lumber firms of the city may be mentioned that of McCracken, Hovey & Co.

Their mill was erected two years ago and is located on the lake front in the fourth ward. It was built with the modern improvements and having all new machinery it does its work rapidly and well. The cut of their mill last season was something over twenty-one million feet of lumber and about ten million lath, and in manufacturing these amounts they gave employment to one hundred hands and paid out weekly \$1,200 in wages to employees.

The firm is composed of young and vigorous business men who have grown up with the city and have for years been accustomed to the lumber business in all its details.

Mr. McCracken, the senior member of the firm, is also proprietor of one of the leading grocery houses of the city and Mr. Hovey was lately a member of the extensive hardware house of Powell & Hovey; now H. N. Powell & Co.

WALWORTH, REED & CO.

The firm of Walworth, Reed & Co. are manufacturers of, and dealers in lumber, lath and shingles and do an extensive yard and planing mill business. Their mills and yard are located in the fourth ward of the city with convenient shipping facilities by either rail or water. Their main office is in Room 1 at No. 232 South Water street, Chicago.

The annual product of their saw mill is from twenty-six to twenty-seven million feet of lumber and about seven million lath and the capacity of their planing mill is 125,000 feet per day.

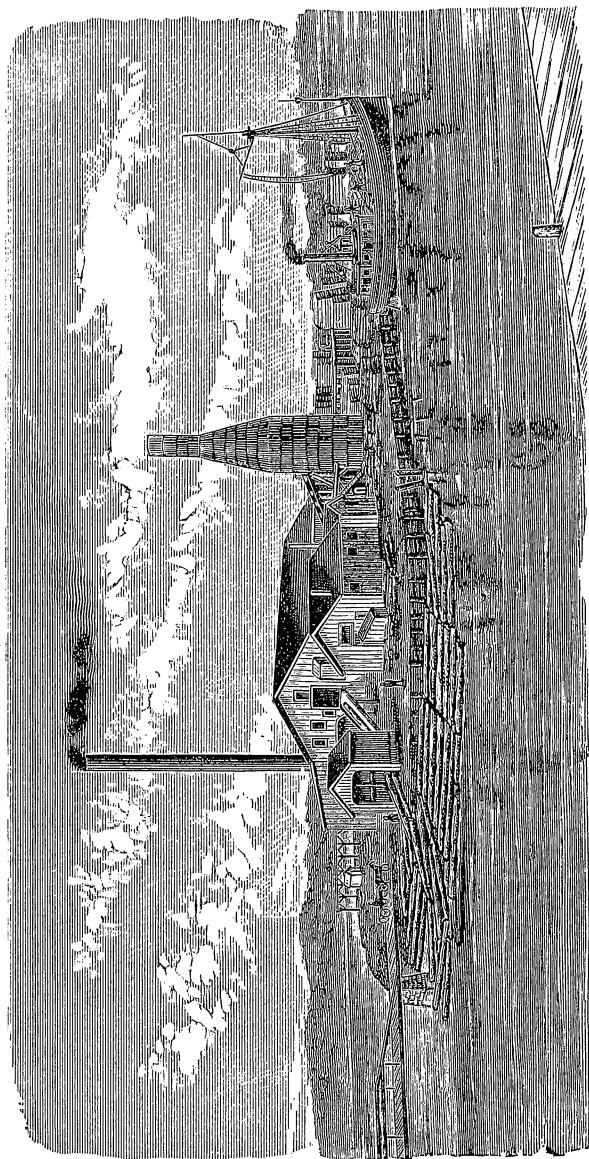
During seven months of the year they give employment to one hundred and fifty men at their mill and forty-five in the yard and during the remainder of the year they employ about one hundred men in their logging operations and forty men in the yard. Their pay roll runs from \$500 to \$2,500 per week.

The firm is composed of N. H. Walworth and E. H. Reed, of Chicago, and C. Reed, of Muskegon. Mr. George F. Peaks has long been the very efficient manager of the business in this city.

C. J. HAMILTON.

The magnificent saw mill of C. J. Hamilton was built in 1855 by the firm of O. P. Pillsbury & Co. but it has since been thor-

oughly rebuilt and greatly enlarged and supplied with new



C. J. HAMILTON'S SAW MILL.

machinery of the latest and most approved makes, and now cuts as much lumber as any one mill in Western Michigan. A good

illustration of his mill taken from the lake Muskegon side is shown on page 116 of this work. Mr. Hamilton has for years been one of the leading lumbermen of western Michigan and is doing a very extensive business.

His mill is located in the fourth ward and has a fine lake front and is also on the line of the Chicago & West Michigan Railway, so that he can conveniently make shipments by either rail or water. His booms have capacity for storing 10,000,000 feet of logs and he has ample dock and yard room for piling or cross-piling more than that amount. The product of his mill last season was 35,966,998 feet of lumber and nearly six million lath. In connection with his mill and yard he gives employment to one hundred men and pays out weekly in wages \$1,500.

MUSKEGON CAR AND ENGINE CO.

The limited space allowed in a work of this kind will only allow a very inadequate description of the operations and works of the Muskegon Car & Engine Co., one of the most prominent business enterprises of the city and one which now promises to outstrip all others in the near future.

The developement of this enterprise has been very rapid and substantial. The company was organized and incorporated in 1881 and has a capital of \$200,000. Twenty-five acres of ground in the southeastern portion of the city on the line of the Chicago & West Michigan Railway was purchased and ground first broken in April 1881. Buildings were immediately erected, work begun, and in August of the same year the first car was completed.

Since that time the company has built over sixteen hundred cars for various railroads among which were cars for the Sioux City & Pacific, Chicago & West Michigan, Chicago & Great Southern, Detroit Lansing & Northern, Toledo & South Haven, Kansas City Fort Scott & Gulf, Kansas City Springfield & Memphis, and Texas Pacific railroads, besides some individual cars, or cars built for business firms for their own use. They are now filling a contract for five hundred box cars for the New York, Chicago & St Louis or Nickle Plate railway, and are sending the cars out at the rate of six per day.

Mr. H. M. Perry, the superintendent, expressed the opinion

that with their facilities for procuring timber and lumber, and with their improved facilities for manufacturing, they can now build cars cheaper than any competing establishment in the west.

Besides a large yard for piling all kinds of lumber and timber for use in the manufacture of cars, the company now owns and occupies the following buildings: an office 30x30 feet and two stories high, a foundry 60x200 feet, machine and blacksmith shop 80x200 feet, wood machine shop 80x200 feet, two erecting shops each 80x200 feet, a truck shop 40x80 feet, pattern building 15x20 feet, a store room 30x50 feet and an engine and boiler room 24x60 feet, and a large dry kiln making a total of 87,240 square feet or over two acres of space under roof.

The motive power is furnished by a double engine of one hundred horse power and the company is now putting in a new engine of fifty horse power to furnish power to the machine shops independent of the other departments.

The capacity of the works has been nearly doubled within the past year, owing largely to the improved methods of doing work instituted by superintendent Perry.

They are now able to build ten box cars per day and turn them out all painted and lettered ready for the track. Visitors to the works can see cars in all stages of construction standing on the tracks in the erecting shops. One crew of men puts together the trucks and lays the foundation, so to speak, of the car, another puts up the frame work, another puts on the roof and siding, and another does the finishing so that the same crew of men continually does the same work thus becoming very expert.

The company builds all kinds of cars including box, flat cars and coaches.

The capacity of the foundry is fourteen tons of iron per day and the material used per day may be judged by the fact that in each of the cars built per day is required 2,000 feet of hardwood lumber, 2,000 feet of soft wood lumber, 3,000 lbs of wrought iron and 2,000 lbs of cast iron besides a large quantity of articles including springs, paints etc. which they do not manufacture but purchase. In the iron machinery department, one of the most interesting objects is the mammoth Combined Punching and Shearing machine just put in position and now ready for work.

It was built by the Morgan Engineering Co. of Alliance, Ohio, and is one of the largest ever built by that company. Its balance wheel weighs one ton and the machine is capable of cutting off a bar of iron six inches wide and one and one half inches thick as easily as a lady would cut a piece of cloth with her scissors, it will also punch a two inch hole through a bar of cold iron one and a half inches thick.

The present officers of the company are—President, Geo. C. Kimball, Treasurer, Hugh Park, General Agent, Edward Hill, Superintendent, H. M. Perry. Hugh McIlwraith is the efficient bookkeeper.

The company now employs four hundred men and pays out in wages to employees \$3,000 per week.

THOMAS D. STIMSON.

One of the most extensive lumber operators in the northwest, is Thomas D. Stimson, of this city. He is an extensive owner of pine lands, having large tracts along Muskegon river and its tributaries. In Missaukee county he owns a tract that will cut thirty million feet and in connection with it he has a logging railroad with ten miles of track and an equipment of two engines and about thirty cars that he employs in transporting his timber to the river.

Mr. Stimson's extensive saw mill, planing mill and lumber yard, of which we give an illustration on page 83 of this work, is located on Water street between Market and Lake streets, where he does a very large business, dealing at wholesale and retail in lumber, lath, pickets, shingles, mouldings etc., a large stock of which, including all kinds of dressed lumber, is always kept on hand, and ready to fill orders promptly.

Mr. Stimson ships either by rail or boat and has a large amount of dock and piling room, so that he is ready to fill the largest orders on short notice.

The daily capacity of his city saw mill is two hundred and twenty thousand feet, and of his planing mill about one hundred and fifty thousand feet.

The annual product of his city mill is about twenty two million feet of lumber and eight million lath, while that of

Stimson, Fay & Co.'s, mill at Lakeside is twenty-one million feet of lumber and five million lath.

SWAN, WHITE & SMITH.

The firm of Swan, White & Smith does a very extensive lumber business. Their mill is located in the fourth ward of the city, on Western avenue and has connected with it dock sufficient for piling a very large amount of lumber. The annual cut of their mill is about eighteen million feet of lumber and five million lath.

During the summer season they employ sixty-five men and have a weekly pay roll of \$1,400, while in the winter they employ about three hundred men and their pay roll runs to about \$2,700 weekly.

THE MICHIGAN SHINGLE CO.

The Michigan Shingle Company was organized in 1881, with a capital of \$35,000 and erected their extensive mill and docks the same year and began running the same in the spring of 1882. At the annual meeting of 1882 the stock was increased to \$100,000. Their mill is located on the south side of Lake Muskegon in the fourth ward of the city and has a fine lake front and good dockage, having dock room for piling about five million feet of lumber and eleven million shingles. They are also on the line of the Chicago & West Michigan Railway so that they have good facilities for shipping by either rail or boat. The product of their mill last season was six million feet of lumber and eighty-nine million shingles and they have a stock of logs in, for the season of 1884, of fourteen million feet.

Their mill is supplied with one circular saw, four double block, "Challoner," shingle machines and one end block, "Perkins," shingle machine, and the daily capacity of the mill is 600,000 shingles and 60,000 feet of lumber. They assort their logs and cut the best logs into lumber using second grade logs for shingles.

The company employs in its operations one hundred and twenty-five men in the summer and has a weekly pay roll of \$1,800 while in the winter they employ about two hundred and fifty men and have a weekly pay roll of \$3,000.

The members of the company are as follows: A. C. Soper,

President; G. B. Shaw, Vice President; M. J. Quinlan, Secretary and Treasurer and M. J. Moriarty.

JOHN L. MURRAY & CO.

The firm of John L. Murray & Co. are manufacturers and dealers in lumber and logs. Their principal office is located in Grand Rapids, but their branch office is in this city, in Landreth's block, and their mill is with M. Wilson & Co. of this city and is located in the first ward.

They make shipments of lumber by either rail or boat and handle about ten million feet annually.

Their business in this city is well looked after by Mr. Leonard Eyke, a gentleman thoroughly posted in the lumber business, having had twenty years experience in the lumber trade. He has been connected with the firm of John L. Murray & Co. during the past two years.

A. A. BIGELOW & CO.

The firm of A. A. Bigelow & Co. is composed of A. A. Bigelow and C. H. Bigelow, of Chicago, and Peter Walker, of Muskegon. Their mill is located on the lake front near Western avenue and their office is on the avenue. The cut of their mill last year was over fifteen million feet of lumber and nearly six million lath.

The Chicago office of the firm is Thirty-fifth and Ulman street.

TEMPLE MANUFACTURING CO.

The Temple Manufacturing Company is located in the fourth ward and manufactures curtain rollers and numerous other articles that can be made from the refuse material of the saw mills. The company carries on an extensive business and gives employment to from eighty to one hundred and twenty persons.

THAYER LUMBER COMPANY.

The mill of the Thayer Lumber Company is located on the lake front near Central Wharf. The company has extensive booms and docks and a large lumber yard in connection with the mill.

The cut of the mill last year was about twenty-nine million feet of lumber and nine million lath. The yard is on the line of

the Chicago & West Michigan Railway and shipments are made by either rail or water, to all points in the east, west and south.

Financially the Thayer Lumber Company is one of the heaviest lumber operators in Western Michigan, having a capital of five hundred thousand dollars. The officers are: Superintendent, Thomas Munroe; Treasurer, Hugh Park.

WEST MICHIGAN LUMBER COMPANY.

The West Michigan Lumber Company was organized in 1880 with a capital stock of \$375,000, for the purpose of manufacturing lumber, lath and shingles, for shipment by rail. The business of the company has been very successful and its operations are carried on with a magnitude that to the uninitiated is astonishing. The company last year manufactured over thirty-seven million feet of lumber and nearly fifteen million lath, all of which was handled by rail.

They give employment to six hundred men and their weekly pay roll is \$7,500.

The officers of the company are: General Manager, Geo. C. Kimball; Treasurer, H. Park; Superintendent, E. B. Wright.

MUNROE MANUFACTURING COMPANY.

The large planing mill and yard of the Munroe Manufacturing Co. is located on the line of the Chicago & West Michigan Railway, near the Muskegon Car and Engine Co.'s works. Their mill is one of the largest in the city, having a daily capacity for dressing two hundred thousand feet of lumber. The company does custom work and dresses lumber in any style desired, on short notice. The machinery is all new and of the best quality, and all lumber is handled under cover.

They deal in all kinds of dressed lumber, pickets, mouldings, etc., which they sell at the lowest market prices.

The officers of the company are President, Thomas Munroe; Superintendent, M. W. Teeple; Treasurer, W. C. Carlile, Secretary, Hugh Park.

P. J. CONNOLLY.

Mr. P. J. Connolly is a practical plumber and gas and steam fitter and is located in the Rifenburg block on Terrace street, where he carries a line of chandeliers, brackets, stand lights,

globes, shades etc for gas fixtures, besides his stock of materials used in his manufacturing business.

He began business in April 1882 on a small scale and has by careful attention to his work gradually increased his trade until now is not of inconsiderable proportions. He is himself a thoroughly practical workman and gives work entrusted to him the benefit of his personal supervision. He employs five men and has a weekly pay roll of \$62.

FRED ENGLE.

Mr. Engle is the proprietor of the Muskegon Galvanized Iron Works, located in Burchard block on First street. This is a new and much needed business venture in this city and ought to succeed, as it undoubtedly will.

Mr. Engle makes a specialty of manufacturing window caps, metallic sky-lights, tin roofing, mill and steamboat work and also puts on slate roofs and does repairing and jobbing of all kinds in his line.

He began business here in October 1883, and being himself a skilled mechanic, and attending personally to his work, there is no good reason why he should not receive a large share of patronage, as builders can certainly find it to their advantage to deal with him instead of spending time and money in visiting manufacturers in other cities.

L. O. BEERMAN.

In 1879 Mr. Beerman opened a wagon and carriage shop in this city in partnership with Mr. Stitt. After a time he purchased his partner's interest in the business and conducted it alone for a considerable time. Since then he has been continuously engaged in wagon and carriage making, part of the time with a partner, but most of the time entirely on his own account.

He now has a large three story shop on Pine street where he carries on the business in all its departments and besides does a general blacksmithing business.

Mr. Beerman is himself a good workman and has made it a point to see that work done at his establishment should be well done, and he has thus built up a reputation that secures to him a

large share of public patronage. Many of the stylish turnouts of the city are from his factory and people are fast learning that it pays to have their wagons, carriages and sleighs made at home.

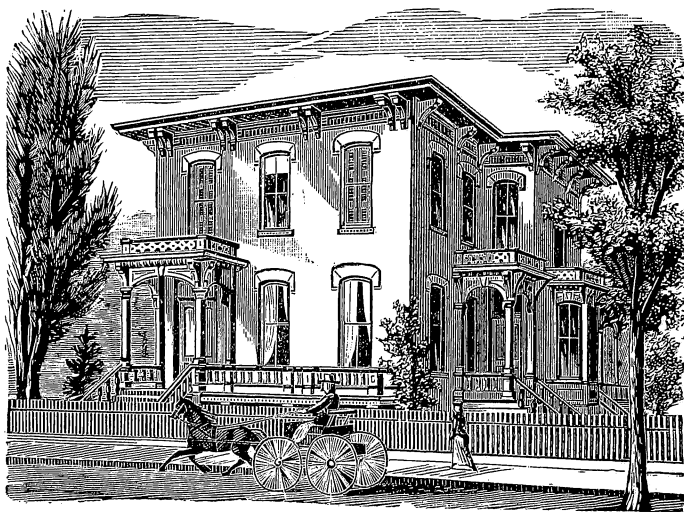
Mr. Beerman also owns an interest in the saddlery and harness shop of Cook & Beerman on Pine street.

THE MUSKEGON WOOD PACKAGE AND BASKET CO.

The above institution is located at the corner of Morris and Third streets and does a large manufacturing business. The manufactory has a daily capacity of 15,000 peach baskets, 5,000 berry crates, consisting of sixteen boxes each, 10,000 grape baskets, and 200,000 butter plates, besides various articles not regular that are made only on orders. The company gives employment to a large number of hands, many of whom are boys and girls.

LOUIS KANITZ.

Mr. Kanitz has for several years past been engaged in the manufacture of lime. His kiln and warehouse are located on



RESIDENCE OF LOUIS KANITZ, HOUSTON AVENUE

Water street where he has ample dock room. His kiln is

one of the best in western Michigan and has a capacity of about seventy-five barrels of lime per day.

Mr. Kanitz also deals extensively in building stone, brick, stucco, cement, sewer pipe etc. and all articles that come legitimately in his line of trade.

In addition to his lime business he has also large interests in other business enterprises of the city, among them the Muskegon Valley Furniture Co. of which he is President, and the Merchants' National Bank.

He is also President of the Muskegon Board of Trade.

S. DAVIS.

Mr. Davis does an exclusively wholesale business in cigars and tobaccos, and is evidently on the high road to prosperity. He is a practical man having had twenty years experience in the manufacture and sale of cigars and his business here now is the outgrowth of his own industry and economy.

Mr. Davis began business in Muskegon in 1876 in a small way and he has kept persistently at work ever since and has used his profits to increase his business until now his trade reaches a large territory and is rapidly growing.

His manufactory is now located in Dennis Smith's elegant new block on the corner of Terrace street and Clay avenue, where he occupies seven rooms on the third floor.

He employs a force of twenty hands in his manufactory and pays out weekly \$250 in wages to his employees. Last year he manufactured over one million cigars and his trade this year will probably exceed that number.

He makes some very popular brands among the chief of which we may enumerate the "Olympia," "Columbian," "Davis' Own," "Henry Clay," "B. S. D." and "Little Birdie."

Where his manufactures are well known his trade mark is a guarantee of good quality.

Mr. Davis is also one of the directors of the new Merchants' National Bank of this city.

FRANCIS JIROCH.

Jiroch's cigar and tobacco store has long been considered smoker's headquarters in the city and will doubtless continue to

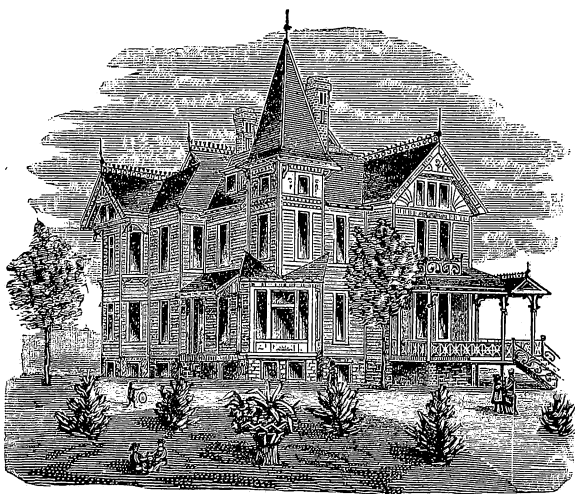
be unless some more popular man than Frank should arise and go into the business, a thing beyond the reach of probabilities.

Mr. Jiroch's store is the oldest of the kind in the city, dating back as far as 1866, and he has for a number of years been considered one of the leading citizens of the city, having twice been elected Mayor by large majorities.

In connection with his cigar and tobacco store, he does an extensive manufacturing business in which he gives employment to eighteen hands and pays out \$200 per week in wages to his employees.

He manufactures the celebrated "F. J." cigars also the following popular brands: "Gilt Eagle," "Star," "Daisy," "Double Eagle," and "Nero" and he also deals in fine imported cigars.

His business is conducted in his own block on Western avenue.



RESIDENCE OF W. M. HARFORD, COR. JEFFERSON AND FOURTH STS.

JACOB ZERWES.

A good example of what a young man of fair business ability, coupled with the requisite amount of energy, can do is to be seen in the success attending the business of Jacob Zerwes, the

tobacconist. He began business on his own account in this city some three years ago on a very small scale, but he has pushed his business and built it up till he now has a large manufacturing establishment located in the Gustin block on Western avenue where he manufactures cigars etc., and also conducts a first-class cigar and tobacco store.

He employs twelve hands in his manufacturing department and does a large jobbing trade in connection with his retail business.

He is the manufacturer of the celebrated "J. Z." cigars which have become so popular in western Michigan in the past two years, besides several other popular brands.

JAMES HUTCHINSON.

Mr. Hutchinson's carriage manufactory is one of the oldest and most reliable in the city and has long had an enviable reputation for turning out first-class work.

Mr. Hutchinson makes a specialty of fine work and some of the sleighs and carriages made by him are among the finest and best made to be found in this section.

He also does heavy work such as logging trucks, sawdust carts etc.

His manufactory is located on Market street near Western avenue. He gives employment to twelve men and has a weekly pay roll of \$125.

JOHN F. BREDIN.

Mr. Bredin is engaged in the manufacture of stairs, balusters, newell posts etc. and his factory is located on Terrace street, near Clay avenue. He has done some fine work in residences in this city and elsewhere and is a thoroughly competent workman. He also deals in Walnut lumber.

MUSKEGON BOTTLING WORKS.

The Muskegon Bottling Works is one of the pioneer enterprises of the city, having been established in 1867 under the name of "The City Bottling Works" which name it retained till last summer when new buildings were erected at the corner of Barclay street and Michigan avenue, new machinery put in and

everything put in first class order for manufacturing. The size of the new building is 40x80 feet and two stories high.

The capacity of the works is now sufficient for turning out daily two hundred and fifty cases of pop, two hundred and fifty cases of ale, and bottled beer, cider etc. in proportion. The firm does an extensive business and makes shipments on a large scale.

The works are under the management of Mr. Wm. Ninne-man, Jr. who is also one of the proprietors.

CHICAGO & WEST MICHIGAN R. R. SHOPS.

The general shops and offices of the Chicago & West Michigan Railway are located in this city near the head of Muskegon lake. They do the repair work for the C. & W. M. Ry. system and also build cars and engines. They give employment to about five hundred men and their weekly pay roll amounts to over \$6,000.

PEMBROKE KNITTING WORKS.

The Pembroke Knitting Works Company was organized last year with a capital of \$10,000 and has for some time been engaged in the manufacture of hosiery of all kinds. They employ forty hands in the factory and about fifty who do outside work, nearly all of whom are girls and women. The company does an exclusively jobbing business and is now turning out about one hundred dozen pairs of socks per day. They expect this season to erect a building especially adapted to their business.

THE MUSKEGON STOCK YARDS.

N. Castenholz & Co. are the proprietors of the Muskegon Stock Yards, which are located just outside the city limits on the line of the Chicago & West Michigan Railway.

N. Castenholz & Co. do both a retail and wholesale business, conducting an exclusive wholesale trade, as far as the yard is concerned, but they own and conduct two excellent retail markets in the city, one at No. 201 Pine street, in Tubby's block, the other in the fourth ward, on Western avenue.

At the stock yards they slaughter about two hundred and fifty cattle, three hundred hogs and four hundred sheep per

month, obtaining the greater part of their animals from Chicago and the remainder from the farmers in the county.

They have been engaged in the business for years and are thoroughly posted in its various branches.

REAL ESTATE.

There has been unusual activity in the real estate market for the past two years, and the transfers have been very numerous and many of them of considerable magnitude. There a number of reliable dealers in the city.

W. F. WOOD.

Mr. Wood is one of the largest real estate owners in the city and has made a specialty of the real estate business for upwards of twenty-five years. He owns a large number of houses and lots and also many vacant lots within the city limits, as well as farming lands in various parts of the county.

Mr. Wood makes a specialty of handling his own real estate and does not buy or sell on margins for others.

ALEX RODGERS, SR.

Real estate owned by Alexander Rodgers Sr. can be found in almost any part of the city and in many parts of the county. In the fourth ward he owns nearly all of blocks 96, 97, 103, 104, 352, 353 and 347, and in North Muskegon, one of the most popular suburbs, he owns about one hundred very desirable lots. He also owns a large number in Lakeside, a suburban town connected with the city by railway and street cars.

Some of the most desirable manufacturing locations to be had in the city are on the property of Mr. Rodgers.

L. G. MASON.

Mr. Mason is also an extensive owner of city real estate, including some of the most desirable business and residence locations in the city, also some very fine sites for manufacturing enterprises.

Mason's block, a fine illustration of which is shown on page 70 of this work, is located in the heart of the business portion

of the city and contains six elegant store rooms besides a large number of offices and living rooms.

He owns many fine residence lots in Mason & Strong's addition, especially on Jefferson Street, which he proposes to make *the* residence street of the city. On this street he sells only to those who will agree to build good houses, thus assuring the desirability of the street as a place of residence.

JOHN W. STRONG.

Mr. Strong owns a large amount of residence property in the southern part of the city, including about five hundred lots in Mason & Strong's addition, one of the most desirable sections. His lots are especially desirable from the facts that their location insures pure air and pure water, two essentials to the enjoyment of good health, and that they are convenient to all sections of the city and are approached by one of the finest paved streets in the city.

He has lots to suit all classes of purchasers, those desiring low priced lots, as well as those who desire the most pretentious locations.

THE MOULTON FRUIT FARM.

As an example of what may be done with the fruit lands in the vicinity of Muskegon, we give some items relating to the celebrated Moulton Fruit Farm, which lies on the peninsula between Bear and Muskegon lakes. On this place there are fifteen acres of vineyard and the receipts from these fifteen acres for five years, from 1878 to 1882 are herewith appended. The figures given indicate the net receipts after freight and commission for selling are deducted.

1878	-	-	-	-	-	-	-	\$3,706.76
1879	-	-	-	-	-	-	-	4,565.17
1880	-	-	-	-	-	-	-	2,238.07
1881	-	-	-	-	-	-	-	3,887.06
1882	-	-	-	-	-	-	-	2,890.83

Total \$17,287.89

Deduct from the above \$1,000 per year for care of farm, cost of baskets and sundry expenses, and it leaves the sum total of net profits \$12,289.89, or \$2,457.57 annual net profit.

MISCELLANEOUS.

MRS. BRASTED'S LIVERY STABLE.

Muskegon has several fine livery stables and among them one of the most prominent and popular is that of Mrs. Brasted. Her stable is located at the corner of Western avenue and Second street, near the new opera house and it is noted for the excellence of its turnouts.

The stable is stocked with many fine riding and driving horses, and great care is taken by the management to serve patrons promptly with horses and turnouts to meet their requirements. Mrs. Brasted is doing a large and profitable business with her livery stable and also owns a fine business block on Jefferson street containing three elegant store rooms.

MAX LANGE.

Mr. Lange is one of the most reliable insurance agents in the city, and writes either fire, marine, accident or life policies in the most reliable insurance companies in the country. He represents only sound companies and makes a specialty of prompt adjustments of losses, so that parties insuring in companies represented by him can be assured that their business will receive prompt and careful attention.

His office is located in rooms 35 and 37 Mason's block. Parties desiring insurance will find it to their advantage to give him a call before placing their policies.

D. S. HOPKINS

Mr. Hopkins is one of the leading architects in Western Michigan, and though his headquarters are in Grand Rapids he does an extensive business in Muskegon. He has furnished plans for some of the most prominent public buildings in the city, including the City Hall and the Congregational church, besides a number of private residences.

THE STEINER HOUSE.

The Steiner House, located in the first ward at the corner of Ottawa street and Eastern avenue, is a popular place of public entertainment and is doing a good business.

It is only one and a half blocks from the C. & W. M. passen-

ger depot and the street cars pass the house every few minutes, thus giving guests convenient and easy access to the heart of the business portion of the city.

The house has recently been rebuilt and refitted throughout and now has thirty-five rooms for transient guests. Connected with the hotel is also a fine boarding stable for horses.

Mr. Narzis Steiner has been proprietor of this popular hotel since 1872 and has greatly increased its business in the past three years.

MILLER'S STEAM LAUNDRY.

Mr. A. W. Miller conducts the only first-class steam laundry in the city, and is located on Third street near the Occidental Hotel, in a building erected by himself especially for his business.

Mr. Miller began business here three years ago in the Kent block on Pine street, but two years ago he removed to his present location.

His business has been very prosperous and has increased to such an extent that he is now about to erect a fine three story brick block 40x96 feet on the corner of Western avenue and Second street, and as soon as it is completed he will occupy two floors of it with his steam laundry.

Something of the extent of his laundry business may be learned from the fact that he has twenty hands employed and has a weekly wages pay roll of \$125.

THE NORTHWESTERN POULTRY YARDS.

An enterprise that promises to become of much importance here is the Northwestern Poultry Yards, recently established by Mr. H. T. Barcus, late of the firm of Barcus Brothers, saw-manufacturers.

Mr. Barcus purchased five acres of ground just outside of the incorporation and last fall began the erection of buildings on quite an extensive scale for the artificial propogation of poultry, and he intends to carry on the poultry business to an extent not heretofore attempted in this section.

He has purchased and has now in operation a No. 1 Perfect Hatcher, made at Elmira, New York, with a capacity of three hundred and twenty eggs, and it is expected to entirely eclipse

the old fashioned setting hen process, by hatching about three hundred able bodied chicks every twenty-one days.

Mr. Barcus now has the nursery completed, the building being 15x80 feet, also a large yard divided into pens of a size to accommodate from ten to twenty-two fowls each, space sufficient being allowed to each flock to admit of four hundred fowls per acre. He will immediately erect thereon four poultry houses 15x80 feet each.

He has also built a neat residence for his family on the premises.

The object of his poultry yard is to breed fancy and table poultry and poultry for egg production. He will only breed Plymouth Rock fowls as they are now generally regarded the best for all purposes.

The great demand for poultry and eggs in this market and the high prices which they usually bring ought to make Mr. Barcus' enterprise a profitable one.

P. RONTKE.

Mr. P. Rontke is proprietor of two of the leading restaurants of the city, one of which is located at No. 102 Western avenue, and the other in the German Hall block on Terrace street.

Mr. Rontke came to Muskegon from Chicago two years ago and opened a restaurant and he has rapidly grown into favor as a caterer to the public appetite.

In his Western avenue restaurant alone he runs twelve tables and his establishment is kept in very attractive style, everything being as neat and clean as one could wish.

He also deals in confectionery and cigars.

JOHN DE HAAS.

Mr. De Haas has conducted a meat market in the city for a number of years past and has had a fair share of the public patronage. He is at present located on Western avenue, opposite the Central Drug Store where he carries a full stock of fresh and cured meats.

HAMBLIN & BROWN.

Messrs. Hamblin & Brown are dealers in new and second hand furniture and are located in Hamblin & Brown's block on Western avenue, opposite Fred Brundage & Co's drug store.

They also make loans of money on personal property and exchange new stoves for old ones or old for new, as parties desire.

PILLSBURY'S FRUIT FARM.

We call especial attention to the advertisement in another part of this work, of the above fruit farm which is offered for sale for the reason that its present proprietor has other business that demands his whole time.

The farm is a very desirable location and any one desiring to purchase a fruit farm can probably do no better in Western Michigan. It is stocked with a choice lot of apple, pear and peach trees, besides grapes, strawberries, raspberries, blackberries etc. the crop of strawberries alone running from four to five hundred bushels.

It has on it a good dwelling house of nine rooms from which a very fine view of lake Muskegon is to be had.

There is also on the premises an excellent barn built at a cost of \$1,500 and other necessary out buildings. The street cars run directly in front of the house at a distance of only a few rods.

The property is a very desirable one. For particulars write to or call on J. M. Pillsbury, Muskegon.

L. B. MORSE.

Mr. Morse is the proprietor of the City Omnibus, Hack and Baggage Line, and is located at the corner of Western avenue and First street.

He began business in 1871 and has had, practically, a monopoly of the business from the beginning. He now has an outfit of four elegant carriages, one large omnibus, baggage wagons etc. and fifteen horses. He attends all trains and boats and delivers passengers and baggage to all parts of the city.

His office has telephone connection with the depots, hotels and nearly all parts of the city.

THE AMERICAN MEDICAL AND SURGICAL INSTITUTE.

The above institution was first established in this city in 1880 and re-organized in 1883. The principal offices of the association are located at Nos. 51 and 53 Western avenue, where the proprietors, Drs. Booth, Sweet & Co. have in the past two years

treated a large number and great variety of cases many of them of a difficult character.

Drs. Booth, Sweet & Co. make a specialty of the compound oxygen method of treatment and claim that theirs is the only office between New York and Chicago where compound oxygen can be procured in any form, with office or home treatment. Parties desiring the benefit of this mode of treatment of disease can secure it put up for home use by addressing Drs. Booth, Sweet & Co., in this city.

H. S. PLATT.

The latest accession to Muskegon's elegant clothing houses is the fine store of H. S. Platt, located in Torrent's block, at No. 145 Western avenue. Mr. Platt came to this city from Ypsilanti, Mich., and is an experienced clothier, having been engaged in the business nearly all his life.

His store is tastefully fitted out and the general arrangement and quality of his stock show that he is no novice in the trade. The stock consists of clothing, hats, caps and a full and complete line of boys and gents furnishing goods. He makes a specialty of the latest styles in clothing and his stock includes some very "nobby" suits for young men. Being young himself he knows what the boys want in the way of style and will always endeavor to suit their tastes and demands. In addition to his stock of fine clothing he also keeps a full line of common grades. In short those who want to purchase clothing for old or young, rich or poor, will find it profitable to inspect his stock before placing their orders.

A. P. Conner & Company,

RETAILERS EXCLUSIVELY OF

BOOTS, SHOES AND RUBBER GOODS.

The establishment, growth, and the present magnitude of the business of the above named firm, is the marvelous production of the business enterprise, and congenial spirit of that house. Less than one year ago they came to Muskegon as strangers to the community, but most intimately acquainted with the Boot and Shoe business. Having served a long apprenticeship with the largest retail Boot and Shoe House in the world, nothing but a thorough knowledge of their business, with cash to back it up, and close attention to the wants of the people, could produce such a rapid growth of business. The firm will have sold at the close of their first year here about \$40,000.00 (forty thousand dollars) in Boots and Shoes alone. This is surprising when it is considered that there are few stores in cities five times the population of Muskegon that sell that amount. Their stock is very complete, consisting of all kinds of well made Boots and Shoes. Here the honest workingman can be fitted with solid durable Shoes, made expressly for hard service, and at astonishing low prices. Our school children can be fitted out with almost "Iron Clad" durability at little expense. And all those in search of fine, light, and dressy foot-wear can find here Shoes and Slippers that will grace any drawing-room or ball-room. And every one that has visited their well filled & tastefully arranged

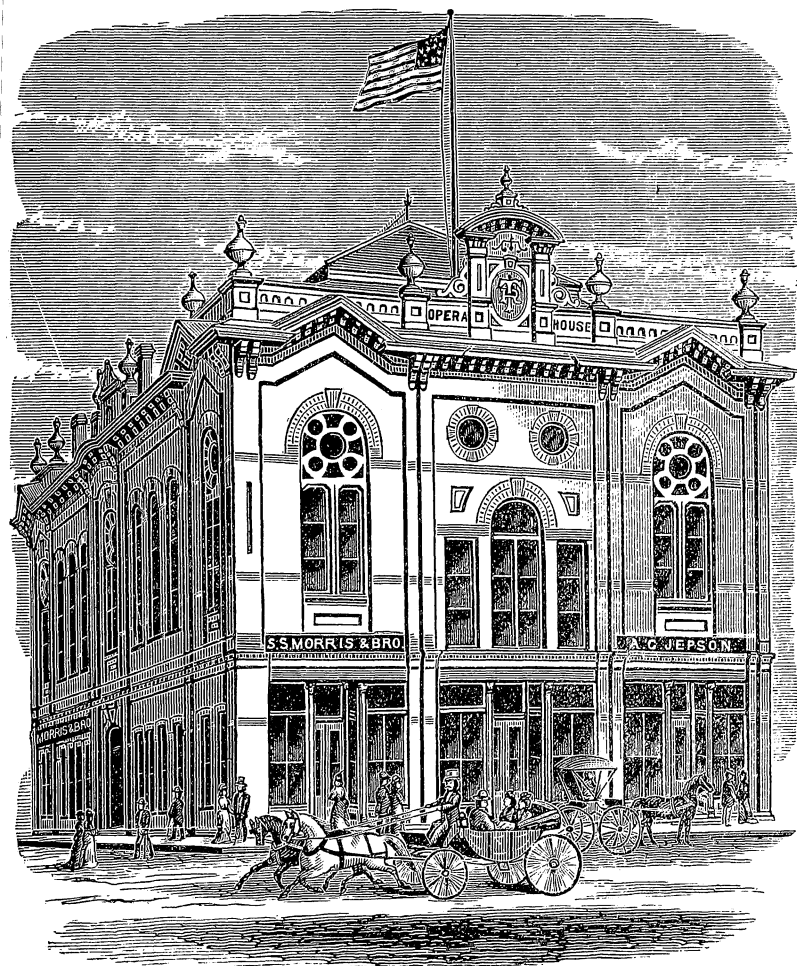
Establishment, and been served by the gentlemanly and attentive clerks, will say they are deserving of all their success, and that their popularity and success may grow with their acquaintance, and stay among us.

THEY CAN BE FOUND AT 87 WESTERN AVE

S. S. Morris.

H. J. Morris.

S. S. MORRIS & BRO.,



PACKERS AND JOBBERS OF PROVISIONS,
CANNED MEATS, MINCE MEATS, JELLIES, AND BUTTERS.
STORES IN OPERA HOUSE BLOCK.
PACKING AND WAREHOUSE, MARKET AND WATER STS.
MUSKEGON, - - MICHIGAN.

W. C. WATSON & COMPANY,

WHOLESALE DEALERS IN

Lumber, Lath ^{AND} Shingles,

 **ALSO MANUFACTURERS OF** 

PACKING BOXES, ETC.

Office, Planing Mill and Yard, Foot of Western Ave.,

Wuskegon, - Michigan.

Send for **DELIVERED** Price List of Flooring,
Dressed and Matched Bevel Siding, tied;
Beaded Ceiling, Drop Siding and
Ship Lap, Fencing, &c.

 **STREET CARS PASS EVERY TEN MINUTES** 

THOS. MUNROE,
President.

M. W. TEEPLE,
Supt.
HUGH PARK, Secretary.

W. C. CARLILE,
Treasurer.

Munroe Manufacturing Co.,

—*DEALERS IN*—

**ALL KINDS DRESSED LUMBER, PICKETS,
MOULDINGS, ETC.**

Always a Large Stock for Sale at Lowest Market Prices.

LUMBER DRESSED IN ANY STYLE

By the Latest Improved Machinery and Handled under Cover.

DAILY CAPACITY OF MILL 200,000 FEET.

**EVERY KIND OF CUSTOM PLANING SOLICITED, AND GOOD
WORK GUARANTEED.**

MILL AND YARD ON LINE OF C. & W. M. R'y,

MUSKEGON,

MICHIGAN.

Thomas Merrill,

Hack, Livery, Feed and Sale Stable!

On Water Street, fronting Arlington Hotel.

Finest Turnouts in the City! Fine Driving Horses a Specialty.

Chas. C. Moulton.

Frank H. Johnson.

C. C. MOULTON & COMPANY,

GROCERS AND

PROVISION DEALERS.

A New and Fresh Stock of Everything in the Grocery Line.

◆ FINE TEAS AND COFFEES A SPECIALTY. TRY US ONCE. ◆

630 Western Avenue,

MUSKEGON, MICH.

HENRY B. W. VANZALINGEN,

ARCHITECT AND CIVIL ENGINEER.

Office in Mather-Outhwaite Block, MUSKEGON, Mich.

P. P. MISNER,

LUMBER INSPECTOR!

Offices at Lakeside and Muskegon, Mich.

JOHN L. MURRAY,

LUMBER AND LOG INSPECTOR.

Office, Western Ave., between 6th and 7th Sts., MUSKEGON, Mich.

General Inquiry Requested.

JOHN B. McCRACKEN,

DEALER IN

GROCERIES AND PROVISIONS,

Corner Western Avenue and Sixth Street.

Fine Grades of Patent and Other Flour!

CHOICE BUTTER, TEA AND COFFEE

SPECIALTIES

Foreign & Domestic Green & Dried Fruits

IN THEIR SEASON.

WEST MICHIGAN LUMBER Co.,

MANUFACTURERS OF AND DEALERS IN

Lumber, Lath and Shingles

MILLS AT WOODVILLE, DIAMOND LAKE AND PARK CITY!

ON LINE OF CHICAGO & WEST MICHIGAN RY.

◁ANNUAL CAPACITY 40,000,000 FEET▷

Lumber Matched and Dressed to Order.

Full Stock of Kiln Dried Mouldings, as per Universal Moulding Book, kept Constantly on hand.

WE MAKE SHIPMENTS BY RAIL A SPECIALTY.

FOR DELIVERED PRICES COMMUNICATE WITH

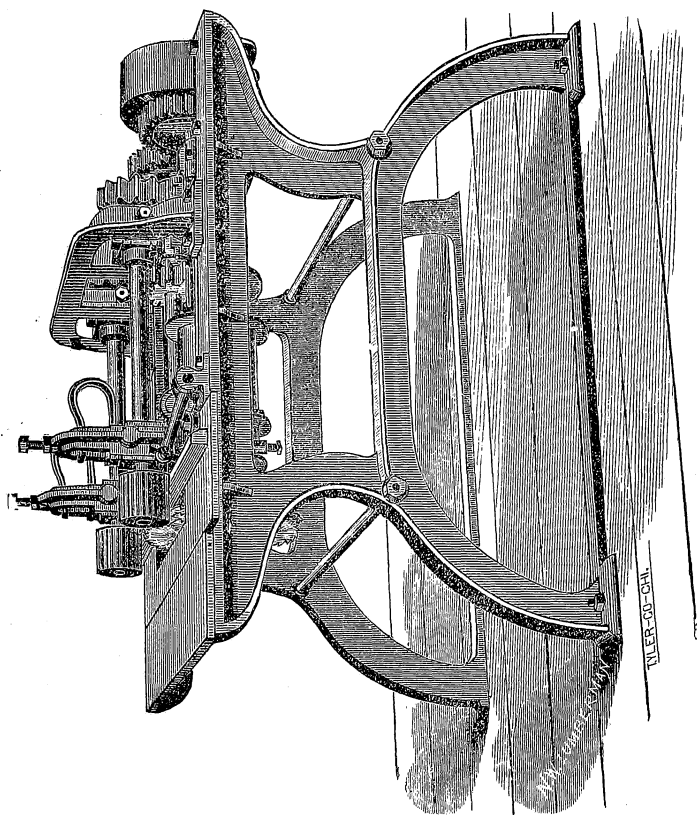
E. B. WRIGHT, Supt.,**WOODVILLE, - - - MICHIGAN.**

RODGERS IRON MFG. CO.

MANUFACTURERS OF

Saw Mill Machinery, Stationary And

Marine Steam Engines, Esau Tarrant's Patent Bar Log Canter, Etc.



MUSKEGON PATENT LATH MILL.

This Machine is considered by all mill men to be the best in use; Strong, Simple and Durable; only two belts used; feed driven from counter-shaft to avoid short belts; gearing strong, and made for SPEED; has movable guides, enabling the operator to make Square pickets out of every suitable bolt; the change from Lath to Pickets made instantly, and vice versa.

RODGERS IRON MANUFACTURING CO.

MUSKEGON, . . . MICHIGAN.

FIRE.

MARINE.

MAX LANGE,

INSURANCE!

ONLY SOUND AND RELIABLE

Insurance Companies Represented.

OFFICE 35 AND 37, MASON'S BLOCK.

Muskegon, - Michigan

LIFE.

ACCIDENT.

Grand Rapids & Indiana R. R.

THE FISHING LINE.

—OFFERS THE—

MOST DIRECT *AND* BEST ROUTE

—FROM ALL—

EASTERN, WESTERN *AND* SOUTHERN

—POINTS TO—

FORT WAYNE,
ALLEGAN,
BIG RAPIDS,
LUDINGTON,
ST. IGNACE,

STURGIS,
GRAND RAPIDS
MUSKEGON,
PETOSKEY,
MACKINAC,

KALAMAZOO,
GRAND HAVEN,
MANISTEE,
TRAVERSE CITY,

AND ALL POINTS IN

✧ *WESTERN AND NORTHERN MICHIGAN.* ✧

And the Celebrated Mining Region of the Upper Peninsula.

THROUGH TRAINS ARE RUN TO MACKINAW CITY,

With Ferry Transfer to St Ignace, connecting at the latter point with the Detroit, Mackinac & Marquette Railroad for Marquette, Negaunee, L'Anse and all Lake Superior points.

WOODRUFF SLEEPING CARS ON NIGHT TRAINS.

2 DAILY THROUGH TRAINS 2

Leave C. H. & D. Depot, Cincinnati.
(see Time Card.)

ASK FOR TICKETS VIA GRAND RAPIDS & INDIANA RAILROAD !

W. O. HUGHART,

President and General Manager.

C. L. LOCKWOOD,

General Passenger Agent.

GRAND RAPIDS, MICH.

Detroit & Cleveland STEAM NAVIGATION CO.

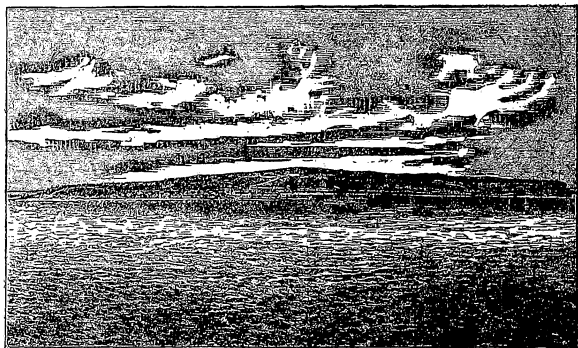
Picturesque Mackinac Island.

This Great Historic Summer Resort and Sanitarium is reached by the

DETROIT & CLEVELAND STEAM NAVIGATION COMPANY

by their pleasant route through the lakes, with a splendid line of palatial side-wheel iron steamers, the largest, swiftest and most luxurious of any on fresh water. Steamers City of Mackinac and City of Cleveland leave Detroit every Wednesday and Friday morning at 10 o'clock, and Monday and Saturday nights at 22 o'clock, standard time.

A round trip to Mackinac occupies two and three quarters days from Detroit, or four and a half days from Cleveland. The steamers stop at Mackinac Island both going and returning, which gives from four to six hours to view the wonders and curiosities, or thirty-six hours may be had by waiting for the next following steamer. As round trip tickets are good to return by either steamer at any time, your stay can be prolonged as desired.



Mackinac Island, as seen from the decks of Steamers.

A summer trip is planned for a change from the excitement of business and monotony of household cares to a quiet return to Nature, for rest and recreation.

A trip by water affords the relief sought, as no other medium will, with plenty of fresh air and ample time for a good view of the varied scenery, the most attractive to be found. The cost is the least possible per day, for an equal number of days' recreation.

Between Cleveland and Detroit the company's steamers, City of Detroit and Northwest, leave every evening (except Sunday) at 20.30 o'clock from Cleveland, and 22 o'clock from Detroit, arriving at either city the following morning at 5.30 o'clock, in time for all early trains.

Folders, showing the bird's eye view of Mackinac Island and the Lake Route sent free, or enclose 25 cents for illustrated book, entitled, "A Lake Tour to Picturesque Mackinac."

C. D. WHITCOMB, GENERAL PASSENGER AGENT,

No. 6 Wayne Street, Detroit, Mich.

Lane & Wunsch,

LOW PRICE

MERCHANT TAILORS.

A FINE LINE OF

Imported ^{AND} Domestic Goods

TO SELECT FROM.

113 Terrace Street, Near Western Avenue,

Muskegon,

Michigan.

LOOK AT THE NAME.

(Fletcher, THE Grocer)

Follow the Crowd and You Will Soon

FIND THE PLACE!

MY STOCK, COMPRISING EVERYTHING PERTAINING TO
A FIRST-CLASS GROCERY,

WILL FROM THIS DATE

BE SOLD AT PRICES THAT WILL PLEASE EVERYBODY.

I cordially INVITE you all to convince you of the fact

It Is No Humbug.

Yours Respectfully,

Fletcher, THE Grocer.

J. W. STRONG, JR.,

OFFERS FOR SALE

480

RESIDENCE LOTS!

SITUATE ON THE FOLLOWING NAMED AVENUES AND STREETS:



Washington,

Grand,

Southern,

Forest,

Dale,

Arch,

Laketon,



Park,

Seventh,

Sixth,

Fifth,

Jefferson,

Sanford,

Peck.

THESE ARE THE MOST DESIRABLE LOTS—
HEALTHFULNESS AND NEARNESS TO
THE BUSINESS CENTRE CONSIDERED,
IN THE CITY,

And are offered For Sale at Low Prices and Easy Terms.

OFFICE---FIRST STREET,

OPPOSITE MUSKEGON NATIONAL BANK.

THE MUSKEGON NATIONAL BANK.

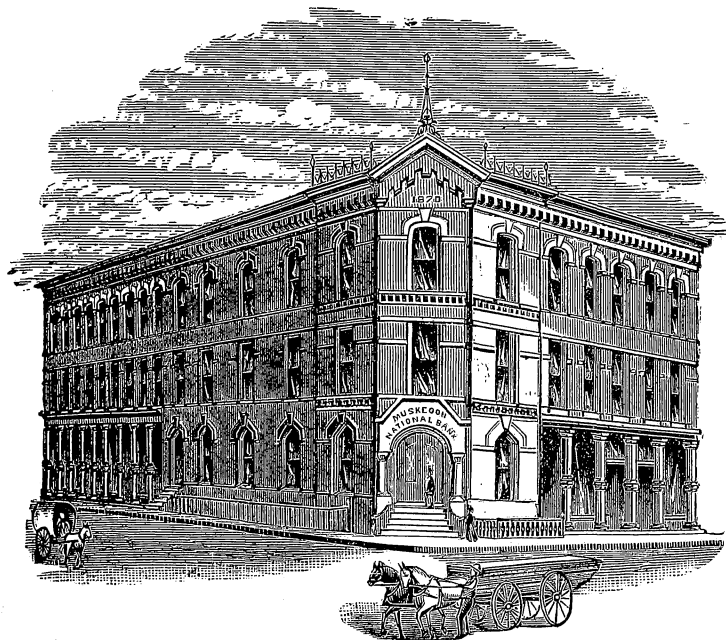
Capital, \$200,000.

SURPLUS AND UNDIVIDED EARNINGS JAN. 1, 1884, \$71,000.

Muskegon,

- - -

Michigan.



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VICE-PRESIDENT,	-	-	-	-	J. G. MASON
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C. H. HACKLEY,	J. G. MASON,	C. T. HILLS,
C. S. MONTAGUE,	D. R. SHAW,	H. B. PECK,
	FRANK WOOD.	

McCRACKEN, HOVEY & CO.,

MUSKEGON, MICHIGAN.

MANUFACTURERS OF

GANG-SAWED

Lumber and Lath!

CUSTOM SAWING SOLICITED.

Parties owning Pine, or Saw Logs will do well to
correspond with us in relation to the
Manufacture of their Stock.

IN SAWING INCH LUMBER WE USE

SIXTEEN GAUGE SAWS IN OUR GANG.

McGRAFT LUMBER COMPANY,

MANUFACTURERS OF AND DEALERS IN

PINE LUMBER, TIMBER,
LATH AND SHINGLES,
Muskegon, = Michigan.

Lumber of all Grades Constantly on Hand.

WE CROSS-PILE ALL OUR LUMBER, AND SHIP BY RAIL OR WATER.
BILLS SAWED TO ORDER.

ESTABLISHED IN 1883.

Capital Stock, \$75,000.

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GEO. D. SMITH, Secretary.

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THOS W. PALMER,

L. N. KEATING,

G. R. GRAY,

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—THE—

S. C. HALL LUMBER COMPANY,

MANUFACTURERS AND DEALERS

—(IN)—

Lumber and Lath!

OFFICE:

MUSKEGON NATIONAL BANK BUILDING,

Muskegon, - - Michigan.

WE HAVE ALSO A LARGE QUANTITY OF STUMP
LANDS, FARMING LANDS, HARDWOOD
LANDS AND PINE LANDS

FOR SALE CHEAP.

CORRESPONDENCE SOLICITED.

TEMPERANCE LIBRARY ASSOCIATION

Muskegon

Michigan.

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Secretary---FRED L. REYNOLDS,

Vice-President---JOHN W. MOON,

Treasurer---C. H. HACKLEY.

DIRECTORS.

NEWCOMB McGRAFT, A. V. MANN, ALEX. RODGERS, JOHN W. MOON

CHAS. H. HACKLEY, L. N. KEATING, FRED L. REYNOLDS

The above Association owns the beautiful

OPERA HOUSE,

A fine illustration of which is shown on page 55 of this work. It is one of the finest opera houses in the State and has a seating capacity of 1,000. It has fourteen full sets of scenery and set pieces, two elegant drop curtains, and fine dressing rooms and lobby. The stage is 38x63 feet and is 34 feet high to the rigging loft.

✧ IT IS MANAGED BY FRED L. REYNOLDS. ✧

Martin Ryerson,

Chas. T. Hills,

H. H. Getty,

M. A. Ryerson

RYERSON, HILLS & CO.,

MANUFACTURERS OF AND DEALERS IN

PINE LUMBER, TIMBER,

LATH AND PICKETS,

Muskegon, = Michigan.

ANNUAL CUT OF TWO MILLS ABOUT 35,000,000 FEET.

LUMBER CROSS-PILED. SHIPMENTS BY RAIL OR WATER.

Chicago Office, 240 South Water Street.

JOHN TORRENT.

GEO. R. SELKIRK, Jr.

A. A. WOOD.

MUSKEGON HARDWARE COMPANY,

Wholesale and Retail Dealers in



MILL SUPPLIES!



HEAVY AND

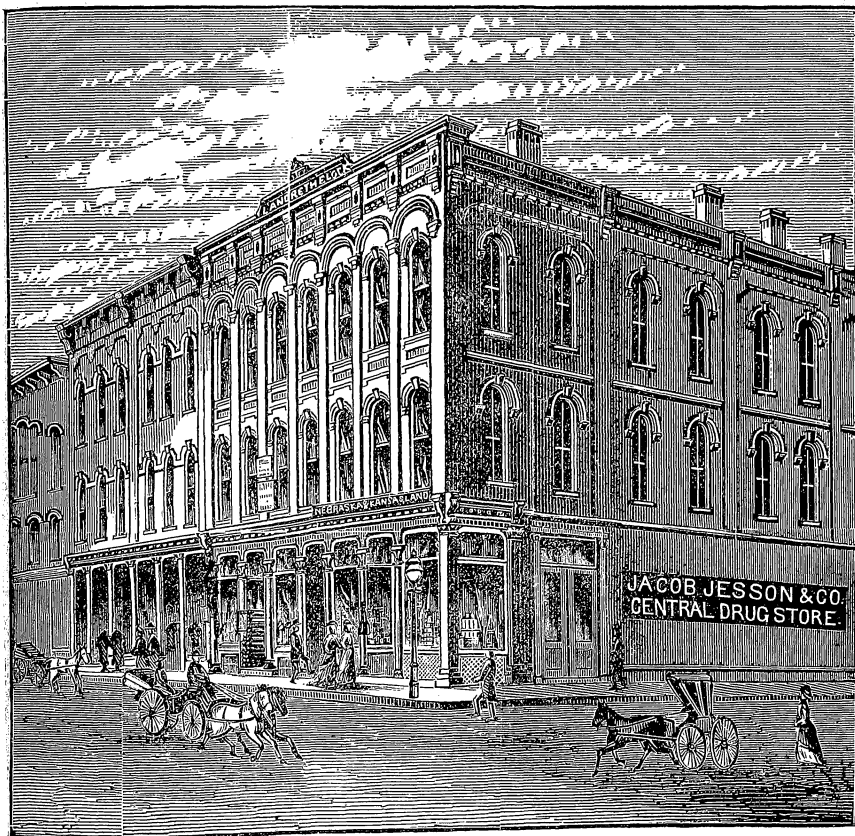
SHELF HARDWARE,

Stoves, Etc.

NO. 153 WESTERN AVENUE.

MUSKEGON, - - MICHIGAN.

Jacob Jesson & Company,



PROPRIETORS OF

CENTRAL DRUG STORE.

DEALERS IN

STRICTLY PURE DRUGS ^{AND} MEDICINES,

Perfumes, Soaps, Brushes, Combs, Pocket Books, Cutlery, Cigars, &c.

Landreth's Block, Corner Western Avenue and Jefferson Street.

English, German, Danish, Norwegian and Swedish Spoken.

ESTABLISHED IN 1867.

Muskegon Bottling WORKS!

BOTTLERS OF

Bass and Other Ales, Porters, Lager Beer, &c.,

AND CIDER--PURE APPLE JUICE.

ALSO MANUFACTURERS OF

SODA, SELTZER, SARSAPARILLA,

AND MINERAL WATERS.

ENTIRE NEW OUTFIT OF MACHINERY!

OFFICE AND WORKS,

Corner Michigan Avenue and Barclay Street,

Muskegon,

-

-

Michigan.

C. J. HAMILTON,

MANUFACTURER AND

Wholesale and Retail Dealer in

 L U M B E R ! 

LATH ^{AND} PICKETS,

OFFICE AND YARD,

West End of Western Avenue,

MUSKEGON, - - MICHIGAN.

76 == BLAX == 76.

Palmer & Kennedy,

Successors to T. K. BLACK,

THE "CASH GROCERS."

HEADQUARTERS FOR

FANCY ^{AND} STAPLE GROCERIES,

SALT MEATS, FISH, ETC.

Dried and Green Fruits of all Kinds!

FRESH VEGETABLES IN THEIR SEASON!

WE ROAST OUR OWN COFFEE!

PALMER & KENNEDY,

WESTERN AVENUE, MUSKEGON, MICH

M. WILSON & CO.,

MANUFACTURERS OF AND DEALERS IN

Pine Lumber,

TIMBER AND LATH.

Muskegon - - - Michigan.

BILLS SAWED TO ORDER.

Have Facilities for Cross-piling, and Shipping
by Rail or Water.

WOODARD MANUFACTURING COMPANY,

MANUFACTURERS AND DEALERS IN

PATENT FIRE KINDLERS, MOULDINGS, FLOORING,
SIDING, AND BARBED WIRE SPOOLS.

—OFFICERS.—

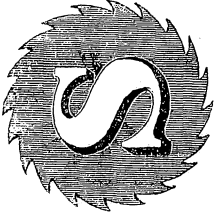
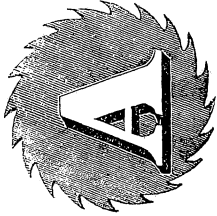
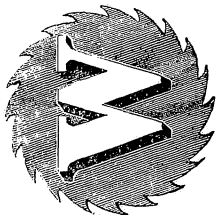
President,	-	-	-	-	H. S. SERVOS
Vice-President,	-	-	-	-	ED. BEHRENS
Secretary and Treasurer,	-	-	-	-	C. E. WOODARD

Office and Manufactory, Western Avenue,

Muskegon, = Michigan.

BARCUS BROTHERS,

MANUFACTURERS OF

**Unexcelled Circular
SAWS!**

Our Specialty, { Circular Saws unexcelled
in quality of "Swaging,"
holding "Cutting Edge" and
"Corners;" perfect "ten-
sion," uniformity of Temper and Finish.

Our Warranty, { As good, or better Saws
with as full a guarantee
as any Saw manufacturer
can give.

Our Methods, { And facilities, experience
and skill; using only the best
steel that can be made, and
careful attention enable us to
furnish saws that give the fullest satisfaction in every
respect.

Our Reference, { is the RECORD OF OUR
SAWS wherever used.

All kinds of Repairing done Promptly
and at Reasonable Rates.

Office and Works, 7th Street and Clay Avenue.,

Muskegon,

Michigan,

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ORGANIZED IN 1882.

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Dealers in all Kinds of

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Our facilities for purchasing goods from first hands are such as enable us to offer the Newest and Choicest Fabrics at as low price as any house in America.

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I desire to call the attention of the public to the fact that I have for sale, through my Agency, Houses and lots in different parts of the city, many beautiful residences, with outbuildings, etc., situated upon popular streets and avenues, which are offered at low rates and upon reasonable terms. And also a large quantity of level and smooth lands, pleasantly located just outside and adjacent to the city limits, which can be sold in lots or parcels of 5, 10, 15 and 20 acres, to suit those who may desire to enjoy the benefits and privileges of city advantages, and yet be relieved of corporate taxation. And to those who may have for their object, the engaging in the culture and raising of vegetables and small fruits, to which this soil and climate is peculiarly adapted, I have through my Agency, a number of small farms ranging from 20 to 40 acres, handsomely located and only a few miles from the city, that will be sold at moderate figures and easy terms. I have also large and beautiful farms, well stocked and in bearing with the various fruits of the (budded varieties) apples, peach, pear, plum, grapes, raspberries, strawberries, etc., situated upon the lovely banks of Lake Harbor, five miles from the city and almost in view of that great inland sea, Lake Michigan. It is not possible for me to enumerate or particularize in this notice, but will simply say that having had a business experience of sixteen years in the city and county of Muskegon which has afforded me an extended knowledge in the selecting and handling of real estate in this section, and any person desiring prompt, correct and minute information respecting the city and county of Muskegon, would receive the same cheerfully by addressing,

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Real Estate Agent, Muskegon.

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Window Shades, Curtains, Notions,
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The J. M. Pillsbury Fruit Farm, located in the Village of Lakeside, is offered for sale on reasonable terms.

It contains 17 acres, two-thirds of which are under cultivation in Fruits, including apples, peaches, pears, strawberries, blackberries, raspberries, grapes, etc.

There are on the premises a good dwelling house of nine rooms, a good barn built at a cost of \$1,500, and other out-buildings.

Street cars run withing a few rods of the house.

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Fine Meats, Sausages, Poultry and Game

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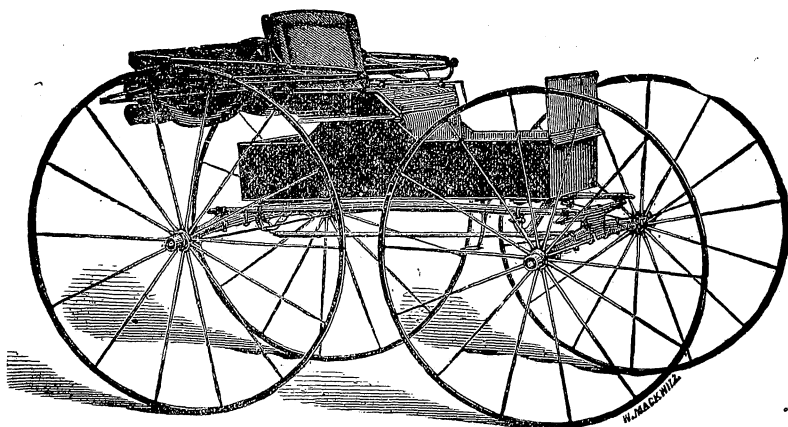
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A Map of Muskegon Lake is now in course of preparation from ACTUAL SURVEYS on the ice, showing exact location of Mills, Docks and Booms, also soundings.

Great care has been taken and much labor expended to show everything pertaining to the Lake, etc., as nearly correct as possible.

Its size is 3x4 feet and it is drawn to a scale of 600 feet to the inch.

Sailors will find it of great convenience. Address

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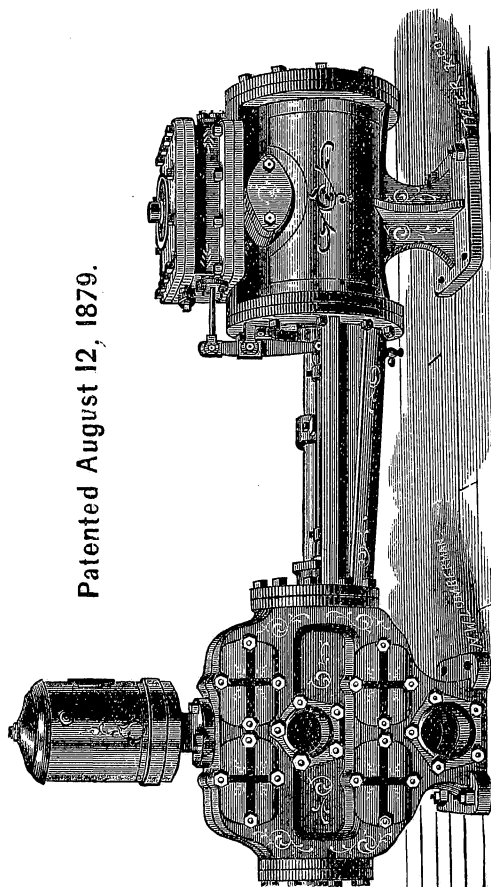
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For Use at Railroad Water Stations, Hotels & Lumber Yards

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Containing complete descriptive list of all vessels navigating these waters, correctly compiled from official sources, correct to date.

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IS RUNNING BETWEEN GRAND RAPIDS AND CHICAGO,

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ELEGANT NEW PARLOR COACHES

With all the latest improvements, including complete Toilet arrangements and State-room for Smokers. These cars are in charge of a Porter who goes through to Chicago. *No extra charge is made for seats in these cars.*

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Between Muskegon and Manistee, running through without change, connecting at Muskegon with morning train from Chicago, making only one change between Chicago and Manistee, giving passengers plenty of time at Muskegon in the morning for breakfast, and arriving at Manistee in time for dinner.

This Makes the Shortest and Best All Rail Line Between Chicago, Manistee and Lullington.

This Car leaves Manistee in the afternoon, arriving at Muskegon in time to connect with night train running Pullman Sleeping Cars through to Chicago.

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Via LaCrosse. Coaches run through without change, making close connection in Union Depot at Indianapolis for all points in the South and West. No long transfers across the city.

The Only Line to Chicago & Indianapolis Without Change.

Through tickets can be obtained at the different ticket offices of the Company, and any further information of

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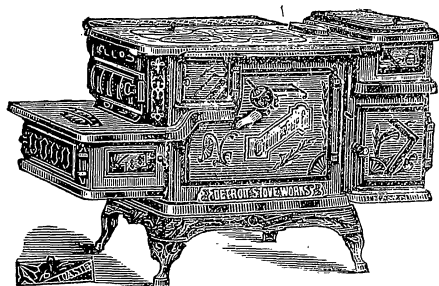
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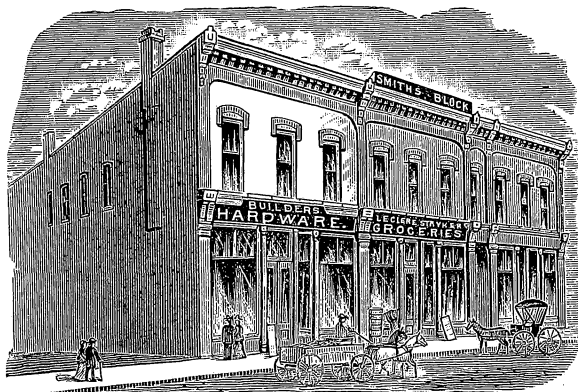
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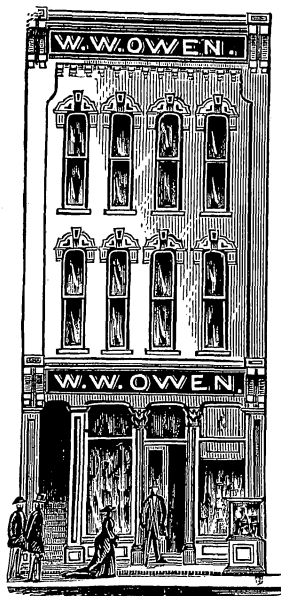
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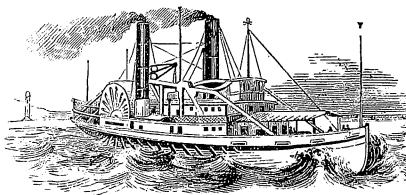
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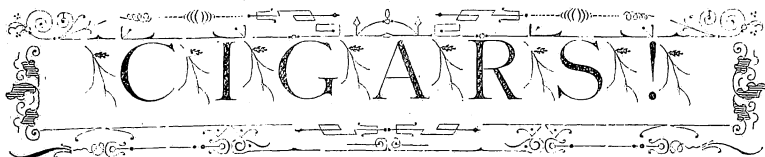
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